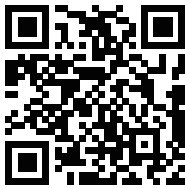




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**ANALOG
PRODUCTS
SELECTION**
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放大器和特殊功能电路

高压运算放大器(Vs > 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/ Disable	Operating Temperature Range (°C)	Package	Feature
LM2902A	Production	Industrial	4	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	SOP14,TSSOP14	/
LM2904A	Production	Industrial	2	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
LM321A	Production	Industrial	1	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	SOT23-5	/
LM324A	Production	Industrial	4	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	SOP14,TSSOP14	/
LM358A	Production	Industrial	2	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	DFN1.5X1.5-8,MSOP8,SOP8,TSSOP8	/
TP07A	Production	Industrial	1	3	36	1500	1	0.7	No, to V- only	Yes	80	0.15	2	25	45	28	/	-40 to 125	SOP8	/
TP1241	Production	Industrial	1	4.5	36	500	1	0.7	No, to V- only	Yes	80	0.3	2	25	45	14	/	-40 to 125	SOT23-5	/
TP1242	Production	Industrial	2	4.5	36	350	1	0.7	No, to V- only	Yes	80	0.3	2	25	45	14	/	-40 to 125	MSOP8,SOP8	/
TP1281	Production	Industrial	1	4.5	36	2000	7	20	No, to V- only	Yes	32	0.1	1	25	25	14	/	-40 to 125	SOP8,SOT23-5	/
TP1282	Production	Industrial	2	4.5	36	1600	7	20	No, to V- only	Yes	32	0.1	1	25	25	14	/	-40 to 125	MSOP8,SOP8	/
TP1284	Production	Industrial	4	4.5	36	1600	7	20	No, to V- only	Yes	32	0.15	1	25	25	14	/	-40 to 125	SOP14,TSSOP14	/
TP17	Production	Industrial	1	3	36	2000	6	20	No, to V- only	Yes	32	0.1	1	25	25	12	/	-40 to 125	SOP8	/
TP2261	Production	Industrial	1	3	36	1500	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOP8,SOT23-5	/
TP2261-Q100	Production	Industrial	1	3	36	1500	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOT23-5	AEC-Q100 Qualified
TP2262	Production	Industrial	2	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TP2264	Production	Industrial	4	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOP14,TSSOP14	/
TP2271	Production	Industrial	1	3.1	36	2000	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	SOT23-5	/
TP2272	Production	Industrial	2	3.1	36	1600	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TP2274	Production	Industrial	4	3.1	36	1600	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	SOP14,TSSOP14	/
TP2581	Production	Industrial	1	3	36	5400	10	8	No, to V- only	Yes	32	3	2	25	35	8	/	-40 to 125	SOT23-5	/
TP2582	Production	Industrial	2	3	36	4000	10	8	No, to V- only	Yes	32	3	2	25	35	8	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TP2584	Production	Industrial	4	3	36	4000	10	8	No, to V- only	Yes	32	3	2	25	35	8	/	-40 to 125	SOP14,TSSOP14	/
TP27	Production	Industrial	1	4.5	36	1600	6	5	No, to V- only	Yes	95	0.05	0.01	100	8	0.1	/	-40 to 125	SOP8	/
TPA1811	Production	Industrial	1	4	30	130	0.35	0.26	No, to V- only	Yes	67	0.007	0.037	20	32	0.1	/	-40 to 125	SOP8,SOT23-5	/
TPA1812	Production	Industrial	2	4	30	130	0.35	0.26	No, to V- only	Yes	67	0.007	0.037	20	32	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA1831	Production	Industrial	1	4	30	220	1.1	0.7	No, to V- only	Yes	62	0.007	0.037	20	32	0.1	/	-40 to 125	SOP8,SOT23-5	/
TPA1832	Production	Industrial	2	4	30	220	1.1	0.7	No, to V- only	Yes	62	0.007	0.037	20	32	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA1834	Production	Industrial	4	4	30	220	1.1	0.7	No, to V- only	Yes	62	0.007	0.037	20	32	0.1	/	-40 to 125	SOP14,TSSOP14	/
TPA1861	Production	Industrial	1	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	SOP8,SOT23-5	/

Contact 3PEAK sales for more products information and samples.

高压运算放大器(Vs > 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TPA1861Q	Production	Automotive	1	4.5	36	1600	6	5	No, to V- only	Yes	95	0.04	0.01	100	8	0.1	/	-40 to 125	SOT23-5	/
TPA1862	Production	Industrial	2	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	DFN3X3-8,MSOP8,SOP8	/
TPA1862Q	Production	Automotive	2	4.5	36	1600	6	5	No, to V- only	Yes	95	0.04	0.01	100	8	0.1	/	-40 to 125	SOP8	/
TPA1864	Production	Industrial	4	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	SOP14,TSSOP14	/
TPA1881	Production	Industrial	1	4.5	40	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	SOP8,SOT23-5	/
TPA1881Q	Production	Automotive	1	4.5	36	2500	12	12	No, to V- only	Yes	95	0.035	0.05	100	8	0.1	/	-40 to 125	SOT23-5	/
TPA1882	Production	Industrial	2	4.5	40	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA1882Q	Production	Automotive	2	4.5	36	2500	12	12	No, to V- only	Yes	95	0.035	0.05	100	8	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA2641	Production	Industrial	1	3	36	550	1.5	0.5	No, to V- only	No	50	2	5	15000	50	1.6	/	-40 to 125	SOT23-5	/
TPA2642	Production	Industrial	2	3	36	550	1.5	0.5	No, to V- only	No	50	2	5	15000	50	1.6	/	-40 to 125	MSOP8,SOP8	/
TPA2644	Production	Industrial	4	3	36	550	1.5	0.5	No, to V- only	No	50	2	5	15000	50	1.6	/	-40 to 125	SOP14,TSSOP14	/
TPA2671	Production	Industrial	1	4	36	2400	10	15	No, to V- only	No	50	3	0.5	50	38	0.8	/	-40 to 125	SOT23-5	/
TPA2672	Production	Industrial	2	4	36	2400	10	15	No, to V- only	No	50	3	0.5	50	38	0.8	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TPA2674	Production	Industrial	4	4	36	2400	10	15	No, to V- only	No	50	3	0.5	50	38	0.8	/	-40 to 125	SOP14,TSSOP14	/
TPA2681	Production	Industrial	1	8	36	8000	20	10	No, to V- only	No	60	3	2	100000	10	0.8	/	-40 to 125	SOT23-5	/
TPA2682	Production	Industrial	2	8	36	8000	20	10	No, to V- only	No	60	3	2	100000	10	0.8	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TPA3530	Production	Industrial	1	4.5	16	1400	2.1	1.4	No, to V- only	Yes	31	0.1	2	/	18	/	/	-40 to 125	SOP8	Low Ib
TPA3662	Production	Industrial	2	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	MSOP8,SOP8	Zero Crossover
TPA3664	Production	Industrial	4	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	SOP14	Zero Crossover
TPA1782	Preview	Industrial	2	4.5	36	2100	10	20	Yes	Yes	60	0.035	0.15	25	10	2.5	/	-40 to 125	MSOP8,SOP8	E-trim

低压运算放大器(Vs < 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
LMV321B	Production	Industrial	1	2.5	5.5	130	1	0.7	Yes	Yes	100	4	2	1	35	8	/	-40 to 125	SOT23-5,SOT353	/
LMV321TP	Production	Industrial	1	2.1	6	51	1.27	0.9	Yes	Yes	45	3.5	2	1	39	5.6	/	-40 to 125	SOT23-5,SOT353	/
LMV324B	Production	Industrial	4	2.5	5.5	130	1	0.7	Yes	Yes	100	4	2	1	35	8	/	-40 to 125	SOP14,TSSOP14	/
LMV324TP	Production	Industrial	4	2.1	6	51	1.27	0.9	Yes	Yes	45	3.5	2	1	39	5.6	/	-40 to 125	SOP14,TSSOP14	/

低压运算放大器(Vs < 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
LMV358B	Production	Industrial	2	2.5	5.5	130	1	0.7	Yes	Yes	100	4	2	1	35	8	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
LMV358TP	Production	Industrial	2	2.1	6	51	1.27	0.9	Yes	Yes	45	3.5	2	1	39	5.6	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP1511	Production	Industrial	1	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	DFN1X1-4,SOT23-5	/
TP1512	Production	Industrial	2	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	MSOP8,SOP8	/
TP1514	Production	Industrial	4	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	SOP14,TSSOP14	/
TP1561A	Production	Industrial	1	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOT23-5,SOT353	/
TP1562A	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/
TP1562A-S	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,SOT23-8	AEC-Q100 Qualified
TP1564A	Production	Industrial	4	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOP14,TSSOP14	/
TP2111	Production	Industrial	1	1.8	5.5	0.6	0.01	0.006	Yes	Yes	20	1.5	0.4	1	265	10	/	-40 to 125	SOT23-5,SOT353	/
TP2112	Production	Industrial	2	1.8	5.5	0.6	0.01	0.006	Yes	Yes	20	1.5	0.4	1	265	10	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP2121	Production	Industrial	1	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	1	170	6.5	/	-40 to 125	SOT23-5,SOT353	/
TP2122	Production	Industrial	2	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	0.001	170	6.5	/	-40 to 125	MSOP8,SOP8	/
TP2124	Production	Industrial	4	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	0.001	170	6.5	/	-40 to 125	SOP14,TSSOP14	/
TP2191	Production	Industrial	1	1.8	6	0.9	0.018	0.01	Yes	Yes	20	0.6	0.4	1	170	6.5	/	-40 to 125	SOT23-5	/
TP2301	Production	Industrial	1	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	SOT23-5	/
TP2302	Production	Industrial	2	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	MSOP8,SOP8	/
TP2304	Production	Industrial	4	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	TSSOP14	/
TP2311	Production	Industrial	1	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	SOT23-5	/
TP2312	Production	Industrial	2	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	MSOP8,SOP8,SOT23-8	/
TP2314	Production	Industrial	4	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	SOP14,TSSOP14	/
TP2331	Production	Industrial	1	2.2	5.5	280	1.6	0.84	Yes	Yes	130	0.1	1	0.3	13	4.1	/	-40 to 125	SOT23-5	/
TP2332	Production	Industrial	2	2.2	5.5	280	1.6	0.84	Yes	Yes	130	0.1	1	0.3	13	4.1	/	-40 to 125	MSOP8,SOP8	/
TP2402	Production	Industrial	2	2.2	5.5	5000	20	25	Yes	Yes	130	1	1	0.3	7.3	2	/	-40 to 125	MSOP8,SOP8	/
TP2404	Production	Industrial	4	2.2	5.5	5000	20	25	Yes	Yes	130	1	1	0.3	7.3	2	/	-40 to 125	TSSOP14	/
TP2411	Production	Industrial	1	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	SOT23-5	/
TP2412	Production	Industrial	2	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	MSOP8,SOP8,SOT23-8,TSSOP8	/
TP2414	Production	Industrial	4	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	SOP14,TSSOP14	/
TP2431	Production	Industrial	1	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	SOT23-5	/
TP2432	Production	Industrial	2	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	MSOP8,SOP8	/

Contact 3PEAK sales for more products information and samples.

低压运算放大器(Vs < 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TP2434	Production	Industrial	4	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	SOP14,TSSOP14	/
TP321	Production	Industrial	1	2.1	6	87	1	1	Yes	Yes	40	5	2	10	45	5.6	/	-40 to 125	DFN1X1-4,SOT23-5	/
TP324	Production	Industrial	4	2.1	6	87	1	1	Yes	Yes	40	5	2	10	45	5.6	/	-40 to 125	SOP14	/
TP358	Production	Industrial	2	2.1	6	87	1	1	Yes	Yes	40	5	2	10	45	5.6	/	-40 to 125	SOP8	/
TP5531	Production	Industrial	1	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	SOT23-5,SOT353	/
TP5532	Production	Industrial	2	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP5534	Production	Industrial	4	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	SOP14,TSSOP14	/
TP5551	Production	Industrial	1	1.8	5.5	1400	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	SOP8,SOT23-5	/
TP5552	Production	Industrial	2	1.8	5.5	950	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	MSOP8,SOP8	/
TP5554	Production	Industrial	4	1.8	5.5	950	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	TSSOP14	/
TP5591	Production	Industrial	1	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	SOP8,SOT23-5,SOT353	/
TP5592	Production	Industrial	2	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	MSOP8,SOP8	/
TP5594	Production	Industrial	4	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	SOP14,TSSOP14	/
TP6001	Production	Industrial	1	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOT23-5,SOT353	/
TP6002	Production	Industrial	2	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP6004	Production	Industrial	4	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOP14,TSSOP14	/
TPA5511	Production	Industrial	1	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5512	Production	Industrial	2	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TPA5521	Production	Industrial	1	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5522	Production	Industrial	2	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	SOP8	/
TPA5561	Production	Industrial	1	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.01	0.01	200	12	0.25	/	-40 to 125	SOT23-5,SOT353	/
TPA5561Q	Production	Automotive	1	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.045	0.01	200	12	0.25	/	-40 to 125	SOT23-5	/
TPA5562	Production	Industrial	2	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.01	0.01	200	12	0.25	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TPA5562Q	Production	Automotive	2	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.045	0.01	200	12	0.25	/	-40 to 125	MSOP8,SOP8	/
TPA5571Q	Production	Automotive	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.1	0.01	200	10	0.2	/	-40 to 125	SOT23-5	/
TPA5572Q	Production	Automotive	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.1	0.01	200	10	0.2	/	-40 to 125	MSOP8,SOP8	/
TPA5581	Production	Industrial	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	/	-40 to 125	SOT23-5,SOT353	/
TPA5581N	Production	Industrial	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	Yes	-40 to 125	SOT23-6	/
TPA5582	Production	Industrial	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/
TPA5601	Production	Industrial	1	2.5	5.5	2300	15	7	Yes	Yes	115	0.006	0.013	30	10	0.5	/	-40 to 125	SOT23-5,SOT353	/

低压运算放大器(Vs < 10V)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TPA5621	Production	Industrial	1	2.5	5.5	2300	80	30	Yes	Yes	120	0.006	0.027	30	11	0.24	/	-40 to 125	SOT23-5	/
TPA6531	Production	Industrial	1	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	SOT23-5,SOT353	/
TPA6531N	Production	Industrial	1	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	Yes	-40 to 125	SOT23-6	/
TPA6532	Production	Industrial	2	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	MSOP8,SOP8	/
TPA6534	Production	Industrial	4	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	SOP14,TSSOP14	/
TPA6551	Production	Industrial	1	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOT23-5,SOT353	/
TPA6551N	Production	Industrial	1	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	Yes	-40 to 125	SOT23-6	/
TPA6552	Production	Industrial	2	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	MSOP8,SOP8	/
TPA6554	Production	Industrial	4	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOP14,TSSOP14	/
TPA6581	Production	Industrial	1	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	DFN0.8X0.8-4,SOT23-5,SOT353	/
TPA6582	Production	Industrial	2	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/
TPA6584	Production	Industrial	4	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	SOP14,TSSOP14	/
TPH2501	Production	Industrial	1	2.5	5.5	10000	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOT23-5	/
TPH2502	Production	Industrial	2	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	MSOP8,SOP8	/
TPH2503	Production	Industrial	1	2.5	5.5	10000	120	200	Yes	Yes	160	2	10	3	6.5	64	Yes	-40 to 125	SOT23-6	/
TPH2504	Production	Industrial	4	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOP14,TSSOP14	/
TPH2861	Production	Industrial	1	3.3	5.25	22000	8000	2750	No	No	83	1.8	2	-20000000	1.2	/	/	-40 to 125	DFN2X2-8	/
TPH2861Q	Production	Automotive	1	3.3	5.25	22000	8000	2750	No	No	83	1.8	2	-20000000	1.2	/	/	-40 to 125	DFN2X2-8	/
TPH2865Q	Production	Automotive	1	3.3	5.25	11000	4000	1030	No	No	50	1.8	2	11000000	1.3	/	Yes	-40 to 125	DFN2X2-8	/
TPA6062	Production	Industrial	2	2.5	5.5	1000	6	5	Yes	Yes	90	3	1	10	25	13.86	/	-40 to 125	MSOP8,SOP8	/
TPA6064	Production	Industrial	4	2.5	5.5	1000	6	5	Yes	Yes	90	3	1	10	25	13.86	/	-40 to 125	SOP14,TSSOP14	/
TPA6031	Production	Industrial	1	2.5	5.5	125	1.5	0.7	Yes	Yes	95	3	1	50	22	8	/	-40 to 125	SOT23-5	/
TPA6032	Production	Industrial	2	2.5	5.5	125	1.5	0.7	Yes	Yes	95	3	1	50	22	8	/	-40 to 125	MSOP8,SOP8	/
TPA6034	Production	Industrial	4	2.5	5.5	125	1.5	0.7	Yes	Yes	95	3	1	50	22	8	/	-40 to 125	SOP14,TSSOP14	/
LMV321X	Production	Industrial	1	2.5	5.5	160	1.5	0.7	Yes	Yes	90	5	1	10	22	13.86	/	-40 to 125	SOT23-5	/
LMV358X	Production	Industrial	2	2.5	5.5	160	1.5	0.7	Yes	Yes	90	5	1	10	22	13.86	/	-40 to 125	MSOP8,SOP8	/
LMV324X	Production	Industrial	4	2.5	5.5	160	1.5	0.7	Yes	Yes	90	5	1	10	22	13.86	/	-40 to 125	SOP14,TSSOP14	/

精密运算放大器(Vos <= 1mV)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TP07A	Production	Industrial	1	3	36	1500	1	0.7	No, to V- only	Yes	80	0.15	2	25	45	28	/	-40 to 125	SOP8	/
TP1241	Production	Industrial	1	4.5	36	500	1	0.7	No, to V- only	Yes	80	0.3	2	25	45	14	/	-40 to 125	SOT23-5	/
TP1242	Production	Industrial	2	4.5	36	350	1	0.7	No, to V- only	Yes	80	0.3	2	25	45	14	/	-40 to 125	MSOP8,SOP8	/
TP1281	Production	Industrial	1	4.5	36	2000	7	20	No, to V- only	Yes	32	0.1	1	25	25	14	/	-40 to 125	SOP8,SOT23-5	/
TP1282	Production	Industrial	2	4.5	36	1600	7	20	No, to V- only	Yes	32	0.1	1	25	25	14	/	-40 to 125	MSOP8,SOP8	/
TP1284	Production	Industrial	4	4.5	36	1600	7	20	No, to V- only	Yes	32	0.15	1	25	25	14	/	-40 to 125	SOP14,TSSOP14	/
TP17	Production	Industrial	1	3	36	2000	6	20	No, to V- only	Yes	32	0.1	1	25	25	12	/	-40 to 125	SOP8	/
TP2191	Production	Industrial	1	1.8	6	0.9	0.018	0.01	Yes	Yes	20	0.6	0.4	1	170	6.5	/	-40 to 125	SOT23-5	/
TP2271	Production	Industrial	1	3.1	36	2000	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	SOT23-5	/
TP2272	Production	Industrial	2	3.1	36	1600	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TP2274	Production	Industrial	4	3.1	36	1600	7	20	No, to V- only	Yes	32	0.5	2	25	25	14	/	-40 to 125	SOP14,TSSOP14	/
TP2301	Production	Industrial	1	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	SOT23-5	/
TP2302	Production	Industrial	2	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	MSOP8,SOP8	/
TP2304	Production	Industrial	4	2.2	5.5	5000	20	25	Yes	Yes	130	0.05	1	0.3	7.3	2	/	-40 to 125	TSSOP14	/
TP2311	Production	Industrial	1	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	SOT23-5	/
TP2312	Production	Industrial	2	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	MSOP8,SOP8,SOT23-8	/
TP2314	Production	Industrial	4	2.2	5.5	1950	10	7	Yes	Yes	130	0.05	1	0.3	8.2	3.14	/	-40 to 125	SOP14,TSSOP14	/
TP2331	Production	Industrial	1	2.2	5.5	280	1.6	0.84	Yes	Yes	130	0.1	1	0.3	13	4.1	/	-40 to 125	SOT23-5	/
TP2332	Production	Industrial	2	2.2	5.5	280	1.6	0.84	Yes	Yes	130	0.1	1	0.3	13	4.1	/	-40 to 125	MSOP8,SOP8	/
TP2402	Production	Industrial	2	2.2	5.5	5000	20	25	Yes	Yes	130	1	1	0.3	7.3	2	/	-40 to 125	MSOP8,SOP8	/
TP2404	Production	Industrial	4	2.2	5.5	5000	20	25	Yes	Yes	130	1	1	0.3	7.3	2	/	-40 to 125	TSSOP14	/
TP2411	Production	Industrial	1	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	SOT23-5	/
TP2412	Production	Industrial	2	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	MSOP8,SOP8,SOT23-8,TSSOP8	/
TP2414	Production	Industrial	4	2.2	5.5	1950	10	7	Yes	Yes	130	1	1	0.3	8.2	3.14	/	-40 to 125	SOP14,TSSOP14	/
TP2431	Production	Industrial	1	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	SOT23-5	/
TP2432	Production	Industrial	2	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	MSOP8,SOP8	/
TP2434	Production	Industrial	4	2.2	5.5	280	1.6	0.84	Yes	Yes	130	1	1	0.3	13	4.1	/	-40 to 125	SOP14,TSSOP14	/
TP27	Production	Industrial	1	4.5	36	1600	6	5	No, to V- only	Yes	95	0.05	0.01	100	8	0.1	/	-40 to 125	SOP8	/
TP5531	Production	Industrial	1	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	SOT23-5,SOT353	/
TP5532	Production	Industrial	2	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/

精密运算放大器(Vos <= 1mV)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/ Disable	Operating Temperature Range (°C)	Package	Feature
TP5534	Production	Industrial	4	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	SOP14,TSSOP14	/
TP5551	Production	Industrial	1	1.8	5.5	1400	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	SOP8,SOT23-5	/
TP5552	Production	Industrial	2	1.8	5.5	950	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	MSOP8,SOP8	/
TP5554	Production	Industrial	4	1.8	5.5	950	3.5	2.5	Yes	Yes	60	0.005	0.008	50	15	0.35	/	-40 to 125	TSSOP14	/
TP5591	Production	Industrial	1	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	SOP8,SOT23-5,SOT353	/
TP5592	Production	Industrial	2	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	MSOP8,SOP8	/
TP5594	Production	Industrial	4	1.8	5.5	1400	3.3	2.5	Yes	Yes	60	0.02	0.01	60	17	0.37	/	-40 to 125	SOP14,TSSOP14	/
TPA1811	Production	Industrial	1	4	30	80	0.35	0.26	No, to V- only	Yes	50	0.007	0.028	50	32	0.6	/	-40 to 125	SOP8,SOT23-5	/
TPA1812	Production	Industrial	2	4	30	80	0.35	0.26	No, to V- only	Yes	50	0.007	0.028	50	32	0.6	/	-40 to 125	MSOP8,SOP8	/
TPA1831	Production	Industrial	1	4	30	200	1.1	0.7	No, to V- only	Yes	62	0.007	0.028	50	32	0.6	/	-40 to 125	SOP8,SOT23-5	/
TPA1832	Production	Industrial	2	4	30	200	1.1	0.7	No, to V- only	Yes	62	0.007	0.028	50	32	0.6	/	-40 to 125	MSOP8,SOP8	/
TPA1834	Production	Industrial	4	4	30	200	1.1	0.7	No, to V- only	Yes	62	0.007	0.028	50	32	0.6	/	-40 to 125	SOP14,TSSOP14	/
TPA1861	Production	Industrial	1	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	SOP8,SOT23-5	/
TPA1861Q	Production	Automotive	1	4.5	36	1600	6	5	No, to V- only	Yes	95	0.04	0.01	100	8	0.1	/	-40 to 125	SOT23-5	/
TPA1862	Production	Industrial	2	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	DFN3X3-8,MSOP8,SOP8	/
TPA1862Q	Production	Automotive	2	4.5	36	1600	6	5	No, to V- only	Yes	95	0.04	0.01	100	8	0.1	/	-40 to 125	SOP8	/
TPA1864	Production	Industrial	4	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	SOP14,TSSOP14	/
TPA1881	Production	Industrial	1	4.5	40	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	SOP8,SOT23-5	/
TPA1881Q	Production	Automotive	1	4.5	36	2500	12	12	No, to V- only	Yes	95	0.035	0.05	100	8	0.1	/	-40 to 125	SOT23-5	/
TPA1882	Production	Industrial	2	4.5	40	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA1882Q	Production	Automotive	2	4.5	36	2500	12	12	No, to V- only	Yes	95	0.035	0.05	100	8	0.1	/	-40 to 125	MSOP8,SOP8	/
TPA3530	Production	Industrial	1	4.5	16	1400	2.1	1.4	No, to V- only	Yes	31	0.1	2	/	18	/	/	-40 to 125	SOP8	Low Ib
TPA3662	Production	Industrial	2	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	MSOP8,SOP8	Zero Crossover
TPA3664	Production	Industrial	4	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	SOP14	Zero Crossover
TPA5511	Production	Industrial	1	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5512	Production	Industrial	2	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TPA5521	Production	Industrial	1	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5522	Production	Industrial	2	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	SOP8	/
TPA5561	Production	Industrial	1	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.01	0.01	200	12	0.25	/	-40 to 125	SOT23-5,SOT353	/
TPA5561Q	Production	Automotive	1	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.045	0.01	200	12	0.25	/	-40 to 125	SOT23-5	/

精密运算放大器(Vos <= 1mV)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TPA5562	Production	Industrial	2	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.01	0.01	200	12	0.25	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TPA5562Q	Production	Automotive	2	2.7	5.5	1000	3.5	4.7	Yes	Yes	60	0.045	0.01	200	12	0.25	/	-40 to 125	MSOP8,SOP8	/
TPA5571Q	Production	Automotive	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.1	0.01	200	10	0.2	/	-40 to 125	SOT23-5	/
TPA5572Q	Production	Automotive	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.1	0.01	200	10	0.2	/	-40 to 125	MSOP8,SOP8	/
TPA5581	Production	Industrial	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	/	-40 to 125	SOT23-5,SOT353	/
TPA5581N	Production	Industrial	1	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	Yes	-40 to 125	SOT23-6	/
TPA5582	Production	Industrial	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/
TPA5601	Production	Industrial	1	2.5	5.5	2300	15	7	Yes	Yes	115	0.006	0.013	30	10	0.5	/	-40 to 125	SOT23-5,SOT353	/
TPA5621	Production	Industrial	1	2.5	5.5	2300	80	30	Yes	Yes	120	0.006	0.027	30	11	0.24	/	-40 to 125	SOT23-5	/
TPA6551	Production	Industrial	1	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOT23-5,SOT353	/
TPA6551N	Production	Industrial	1	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	Yes	-40 to 125	SOT23-6	/
TPA6552	Production	Industrial	2	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	MSOP8,SOP8	/
TPA6554	Production	Industrial	4	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOP14,TSSOP14	/
TPA1782	Preview	Industrial	2	4.5	36	2100	10	20	Yes	Yes	60	0.035	0.15	25	10	2.5	/	-40 to 125	MSOP8,SOP8	E-trim

高速运算放大器(GBW >= 50MHz)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TPA5621	Production	Industrial	1	2.5	5.5	2300	80	30	Yes	Yes	120	0.006	0.027	30	11	0.24	/	-40 to 125	SOT23-5	/
TPH2501	Production	Industrial	1	2.5	5.5	10000	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOT23-5	/
TPH2502	Production	Industrial	2	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	MSOP8,SOP8	/
TPH2503	Production	Industrial	1	2.5	5.5	10000	120	200	Yes	Yes	160	2	10	3	6.5	64	Yes	-40 to 125	SOT23-6	/
TPH2504	Production	Industrial	4	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOP14,TSSOP14	/
TPH2861	Production	Industrial	1	3.3	5.25	22000	8000	2750	No	No	83	1.8	2	-20000000	1.2	/	/	-40 to 125	DFN2X2-8	/
TPH2861Q	Production	Automotive	1	3.3	5.25	22000	8000	2750	No	No	83	1.8	2	-20000000	1.2	/	/	-40 to 125	DFN2X2-8	/
TPH2865Q	Production	Automotive	1	3.3	5.25	12800	4000	1070	No	No	68	1.8	2	-7000000	1.5	/	/	-40 to 125	DFN2X2-8	/

低功耗运算放大器 (Iq Per Ch <= 50µa)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (µA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/µs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (µV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rHz)	Peak Noise at 0.1 to 10Hz (µVpp)	Shutdown/ Disable	Operating Temperature Range (°C)	Package	Feature
TP1511	Production	Industrial	1	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	DFN1X1-4,SOT23-5	/
TP1512	Production	Industrial	2	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	MSOP8,SOP8	/
TP1514	Production	Industrial	4	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	SOP14,TSSOP14	/
TP2111	Production	Industrial	1	1.8	5.5	0.6	0.01	0.006	Yes	Yes	20	1.5	0.4	1	265	10	/	-40 to 125	SOT23-5,SOT353	/
TP2112	Production	Industrial	2	1.8	5.5	0.6	0.01	0.006	Yes	Yes	20	1.5	0.4	1	265	10	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP2121	Production	Industrial	1	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	1	170	6.5	/	-40 to 125	SOT23-5,SOT353	/
TP2122	Production	Industrial	2	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	0.001	170	6.5	/	-40 to 125	MSOP8,SOP8	/
TP2124	Production	Industrial	4	1.8	6	0.95	0.018	0.01	Yes	Yes	20	1.5	0.5	0.001	170	6.5	/	-40 to 125	SOP14,TSSOP14	/
TP2191	Production	Industrial	1	1.8	6	0.9	0.018	0.01	Yes	Yes	20	0.6	0.4	1	170	6.5	/	-40 to 125	SOT23-5	/
TPA5511	Production	Industrial	1	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5512	Production	Industrial	2	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TPA5521	Production	Industrial	1	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5522	Production	Industrial	2	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	SOP8	/
TPA6531	Production	Industrial	1	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	SOT23-5,SOT353	/
TPA6531N	Production	Industrial	1	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	Yes	-40 to 125	SOT23-6	/
TPA6532	Production	Industrial	2	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	MSOP8,SOP8	/
TPA6534	Production	Industrial	4	1.75	5.5	30	0.3	0.15	Yes	Yes	90	1.5	1	25000	40	1	/	-40 to 125	SOP14,TSSOP14	/

小尺寸封装运算放大器 (DFN, QFN, Wafer-Le)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (µA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/µs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (µV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rHz)	Peak Noise at 0.1 to 10Hz (µVpp)	Shutdown/ Disable	Operating Temperature Range (°C)	Package	Feature
LM358A	Production	Industrial	2	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	DFN1.5X1.5-8,MSOP8,SOP8,TSSOP8	/
LMV358TP	Production	Industrial	2	2.1	6	51	1.27	0.9	Yes	Yes	45	3.5	2	1	39	5.6	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TP1511	Production	Industrial	1	2.1	6	5.6	0.15	0.09	Yes	Yes	40	3	0.6	1	95	3.6	/	-40 to 125	DFN1X1-4,SOT23-5	/
TP2262	Production	Industrial	2	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	MSOP8,SOP8,TSSOP8	/
TP2264	Production	Industrial	4	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOP14,TSSOP14	/
TP321	Production	Industrial	1	2.1	6	87	1	1	Yes	Yes	40	5	2	10	45	5.6	/	-40 to 125	DFN1X1-4,SOT23-5	/
TP5532	Production	Industrial	2	1.8	5.5	55	0.35	0.16	Yes	Yes	60	0.01	0.008	50	55	1.1	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/

小尺寸封装运算放大器 (DFN, QFN, Wafer-Le)

Part Number	Status	Rating	Channel	Supply Voltage (Min)	Supply Voltage (Max)	Iq per channel (Max) (μA)	GBW (Typ) (MHz)	Slew Rate (Typ) (V/μs)	Rail-Rail In	Rail-Rail Out	Ishort (Typ) (mA)	Vos (Max) (mV)	Offset Drift (Typ) (μV/°C)	Ib (typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package	Feature
TP6001	Production	Industrial	1	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOT23-5,SOT353	/
TP6002	Production	Industrial	2	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TPA1862	Production	Industrial	2	4.5	40	1600	6	5	No, to V- only	Yes	95	0.03	0.01	100	8	0.1	/	-40 to 125	DFN3X3-8,MSOP8,SOP8	/
TPA5511	Production	Industrial	1	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5512	Production	Industrial	2	1.7	3.6	1.1	0.009	0.003	Yes	Yes	15	0.03	0.025	200	354	5	/	-40 to 125	DFN2X2-8,MSOP8,SOP8	/
TPA5521	Production	Industrial	1	1.7	3.6	15	0.078	0.02	Yes	Yes	22	0.03	0.025	50	96	1.91	/	-40 to 125	DFN1X1.4-4,SOT23-5	/
TPA5582	Production	Industrial	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.01	0.01	200	10	0.2	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/
TPA6581	Production	Industrial	1	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	DFN0.8X0.8-4,SOT23-5,SOT353	/
TPA6582	Production	Industrial	2	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	DFN2X2-8,MSOP8,SOP8,TSSOP8	/

音频线路驱动

Part Number	Status	Rating	VDD (Min) (V)	VDD (Max) (V)	Iq (Typ) (mA)	Output Voltage, RL = 2.5kΩ, VCC = 5.0V (Min) (Vrms)	Output Voltage, RL = 2.5kΩ, VCC = 3.3V (Min) (Vrms)	Input Type	Shutdown	UVP Control	Click-Pop Suppression	Package	Feature
TPF605A	Production	Industrial	2.7	5.5	4	3.05	2.05	Single End	Yes	Yes	Yes	EMSOP10	/
TPF605C	Production	Industrial	2.7	5.5	4	3.05	2.05	Single End	Yes	Yes	Yes	EMSOP10	/
TPF607A	Production	Industrial	2.7	5.5	4	3.05	2.05	Single End	Yes	/	Yes	MSOP10	/
TPF632A	Production	Industrial	2.7	5.5	4	3.05	2.05	Differential / Single End	Yes	Yes	Yes	TSSOP14	/
TPF632C	Production	Industrial	2.7	5.5	4	3.05	2.05	Differential / Single End	Yes	Yes	Yes	TSSOP14	/

视频滤波驱动

Part Number	Status	Rating	Resolution	Channel	VDD (Min) (V)	VDD (Max) (V)	Quiescent Current (Typ) (mA)	Voltage Gain (Typ) (dB)	Stop-Band Rejection@27MHz (dB)	Diff. Gain (Typ) (%)	Diff. Phase (Typ) (Deg)	THD (Typ) (%)	Package	Feature
TPF110	Production	Industrial	480i, 576i	1-SD	2.85	5.5	3.9	6	51.2dB@27MHz	0.4	0.7	0.1	SOT23-6,SOT363	/
TPF111	Production	Industrial	480i, 576i	1-SD	3	5.5	3.8	6	51.2dB@27MHz	0.4	0.7	0.1	DFN2X2-8,SOT353	/
TPF113	Production	Industrial	480i, 576i	3-SD	3	5.5	11.6	6	51.2dB@27MHz	0.4	0.7	0.1	SOP8	/
TPF130	Production	Industrial	720p, 1080i	1-HD	3	5.5	6	6	31.1dB@74.25MHz	0.2	0.4	0.3	SOT23-6	/
TPF131	Production	Industrial	720p, 1080i	1-HD	3	5.5	6	6	31.1dB@74.25MHz	0.2	0.4	0.3	SOT23-6	/

视频滤波驱动

Part Number	Status	Rating	Resolution	Channel	VDD (Min) (V)	VDD (Max) (V)	Quiescent Current (Typ) (mA)	Voltage Gain (Typ) (dB)	Stop-Band Rejection@27MHz (dB)	Diff. Gain (Typ) (%)	Diff. Phase (Typ) (Deg)	THD (Typ) (%)	Package	Feature
TPF1341	Production	Industrial	1080P	1-HD	3	5.5	11	6	31.1dB@74.25MHz	0.2	0.4	0.3	MSOP8	/
TPF140	Production	Industrial	1080p, 1080i, 720p	1-FHD	3	5.5	11.5	6	31.2dB @148MHz	0.1	0.3	0.6	SOT23-6	/
TPF141	Production	Industrial	1080p, 1080i, 720p	1-FHD	3	5.5	11.5	6	31.2dB @148MHz	0.1	0.3	0.6	SOT23-6	/
TPF142	Production	Industrial	1080p, 1080i, 720p	1-SD & 1-FHD	3	5.5	14.5	6	31.2dB @148MHz	0.1	0.3	0.6	MSOP8,TSSOP14	/
TPF143	Production	Industrial	1080p, 1080i, 720p	3-FHD	3	5.5	34.5	6	31.2dB @148MHz	0.1	0.3	0.6	SOP8	/
TPF144	Production	Industrial	1080p, 1080i, 720p	1-SD & 3-FHD	3	5.5	45	6	31.2dB @148MHz	0.1	0.3	0.6	EMSOP10	/
TPF1441C	Production	Industrial	1080P/60	1-HD	3	5.5	11.5	6	31.2dB @148MHz	0.1	0.3	0.6	MSOP8	/
TPF1441NC	Production	Industrial	1080P/60	1-HD	3	5.5	10	6	31.2dB @148MHz	0.1	0.3	0.6	MSOP8	/
TPF147	Production	Industrial	1080P/60, 1080P/30	1-FHD or HD	3	5.5	11.5	6	32dB@74MHz, 34dB@148MHz	0.2/0.4	0.4/0.7	0.15	SOT23-6	/
TPF153	Production	Industrial	1080p, 1080i	3-CH	3	5.5	33	6	/	0.4	0.3	0.2	SOP8	/

隔离放大器和调制器

Part Number	Status	Rating	Product Family	Input Voltage Range (V)	Insulation Rating (Vrms)	Package	Features
TPA8000	Production	Industrial	Isolated Amplifer	0.25	5000	WSOP8, SMP8	G = 8, Differential Output
TPA8001	Production	Industrial	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output
TPA8003	Production	Industrial	Isolated Amplifer	2.2	5000	WSOP8	G = 1, Differential Output
TPA8023	Production	Industrial	Isolated Amplifer	2.25	5000	WSOP8, SOP8	G = 1, Single End Output
TPA8101	Production	Industrial	Isolated Modulator	0.25	5000	WSOP8, WSOP16, TSSOP8	Clock In
TPA8102	Preview	Industrial	Isolated Modulator	0.05	5000	WSOP8	Clock In

比较器

Part Number	Status	Rating	Channel	Output type	Vs (min) (V)	Vs (max) (V)	Iq per channel (typ) (μA)	Propagation delay time (ns)	Vos (offset voltage at 25°C) (max) (mV)	Input bias current (typ) (nA)	Rail-to-rail Input	Rail-to-rail Output	VICR (max) (V)	VICR (min) (V)	Operating temperature range (°C)	Package	Feature
LM2901A	Production	Industrial	4	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	SOP14	/
LM2901A-Q100	Production	Industrial	4	Open-Drain	2.5	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	SOP14,TSSOP14	AEC-Q100 Qualified
LM2903A	Production	Industrial	2	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	MSOP8,SOP8	/

比较器

Part Number	Status	Rating	Channel	Output type	Vs (min) (V)	Vs (max) (V)	Iq per channel (typ) (μA)	Propagation delay time (ns)	Vos (offset voltage at 25°C) (max) (mV)	Input bias current (typ) (nA)	Rail-to-rail Input	Rail-to-rail Output	VICR (max) (V)	VICR (min) (V)	Operating temperature range (°C)	Package	Feature
LM2903A-Q100	Production	Industrial	2	Open-Drain	2.5	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	MSOP8,SOP8,TSSOP8	AEC-Q100 Qualified
LM2903D	Production	Industrial	2	Open-Drain	3	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	-40 to 125	MSOP8,SOP8,TSSOP8	/
LM2903DQ	Production	Automotive	2	Open-Drain	3	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	-40 to 125	SOP8	/
LM331A	Production	Industrial	1	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	SOT23-5	/
LM339A	Production	Industrial	4	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	SOP14,TSSOP14	/
LM393A	Production	Industrial	2	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	DFN2X2-8,SOP8,TSSOP8	/
LMV331TP	Production	Industrial	1	Open-Drain	1.8	5.5	40	250	3.5	0.006	Yes	Yes	VCC+0.05	VSS-0.05	-40 to 85	SOT23-5,SOT353	/
LMV331X	Production	Industrial	1	Open-Drain	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	SOT23-5,SOT353	/
LMV393TP	Production	Industrial	2	Open-Drain	1.8	5.5	40	250	3.5	0.006	Yes	Yes	VCC+0.05	VSS-0.05	-40 to 85	MSOP8,SOP8	/
LMV393X	Production	Industrial	2	Open-Drain	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	MSOP8,SOP8	/
TP1941	Production	Industrial	1	Push-Pull	1.8	5.5	46	93	3	0.006	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 85	SOT23-5,SOT353	/
TP1942	Production	Industrial	2	Push-Pull	1.8	5.5	46	93	3	0.006	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 85	MSOP8,SOP8	/
TP1961	Production	Industrial	1	Push-Pull	2.5	5.5	2400	7	10	0.006	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	SOT23-5,SOT353	/
TP1962	Production	Industrial	2	Push-Pull	2.5	5.5	2400	7	10	0.006	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	DFN2X2-8,SOP8	/
TP1981	Production	Industrial	1	Push-Pull	2.5	5.5	4100	3.5	20	N/A	To VSS	Yes	VCC-1.2	VSS-0.2	-40 to 85	SOT363	/
TP2011	Production	Industrial	1	Push-Pull	1.6	5.5	0.4	14000	12	0.006	To VSS	Yes	VCC-1.5	VSS	-40 to 85	SOT23-5,SOT353	/
TP2012	Production	Industrial	2	Push-Pull	1.6	5.5	0.4	14000	12	0.006	To VSS	Yes	VCC-1.5	VSS	-40 to 85	MSOP8,SOP8	/
TP2021	Production	Industrial	1	Push-Pull	1.6	5.5	0.4	14000	12	0.006	To VSS	Yes	VCC-1.5	VSS	-40 to 85	SOT23-6,SOT363	With internal reference
TPA2031Q	Production	Automotive	1	Push-Pull	1.8	5.5	350	42	6	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	SOT23-5	/
TPCMP251	Production	Industrial	1	Push-Pull	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	SOT23-5,SOT353	/
TPCMP252	Production	Industrial	2	Push-Pull	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	MSOP8,SOP8	/
TPCMP271	Production	Industrial	1	Push-Pull	2.5	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	SOT23-5	/
TPCMP272	Production	Industrial	2	Push-Pull	2.5	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	MSOP8,SOP8	/
TPCMP761	Production	Industrial	1	Open-Drain	2.5	36	300	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	SOT23-5	/
TPCMP762	Production	Industrial	2	Open-Drain	2.5	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	SOP8	/
TPCMP764	Production	Industrial	4	Open-Drain	2.5	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	SOP14,TSSOP14	/
TPCMP211	Production	Industrial	1	Open-Drain	2.7	5.5	1100	35	0.3	0.1	To VSS	Yes	VCC-1.5	VSS-0.1	-40 to 125	SOT23-5	5-V, 35-ns, Low-Offset, Low-Overdrive Comparators
TPCMP212	Preview	Industrial	2	Open-Drain	2.7	5.5	1100	35	0.3	0.1	To VSS	Yes	VCC-1.5	VSS-0.1	-40 to 125	SOP8, MSOP8	35-ns delay
TPCMP231	Production	Industrial	1	Open-Drain	2.7	5.5	400	40	3.5	0.05	Yes	Yes	VCC+0.2	VSS-0.2	-40 to 125	SOT23-5	50-ns delay
TPCMP232	Preview	Industrial	2	Open-Drain	2.7	5.5	400	40	3.5	0.05	Yes	Yes	VCC+0.2	VSS-0.2	-40 to 125	SOP8, MSOP8	50-ns delay

电流信号检测放大器

Part Number	Status	Rating	Channel	VCM Min	VCM Max	Vos drift Typ (μV/c)	Input Direction	CMRR Min (dB)	BW (kHz)	Gain Option	GE Max at full temp range (%)	GE Drift, max (ppm/c)	Vos max (μV)	Ib Typ (nA)	PWM Rejection	VS Min	VS Max	Iq Max (μA)	Comparator	Package	Feature
TP181	Production	Industrial	1	-0.3	36	0.1	Bi-dir	95	48 at G=50;30 at G=100;20 at G=200	G = 50, 100, 200	1	10	100	35000	NO	2.7	36	150	0	SOT363	/
TP182	Production	Industrial	1	-0.3	36	0.1	Bi-dir	95	48 at G=50;30 at G=100;20 at G=200;9 at G=500	G = 50, 100, 200, 500	1	10	50	35000	NO	2.7	36	150	0	SOT363	/
TPA183	Production	Industrial	1	2.7	30	0.1	Uni-dir	95	100 at G=25;48 at G=50;30 at G=100;20 at G=200	G = 25, 50	1	10	250	35000	NO	2.7	30	220	0	SOT23-5	Powered by input pin
TPA1285	Production	Industrial	2	3	76	<0.4	Uni-dir	110	60	G = 20	0.5	10	100	<65,000	NO	3	5.5	1000	0	MSOP8	/
TPA1295	Production	Industrial	1	-0.1	70	<0.5	Bi-dir	110	500	G = 50	0.5	5	100	<210000	NO	3	18	1000	0	SOP8	/
TPA132	Production	Industrial	1	-4	80	0.15	Bi-dir	130	1000	G = 20, 50	0.3	12	100	1000	YES	3	5.5	4000	0	SOP8, TSSOP8	80V Vcm, Bi-Directional Current-Sense Amplifier with PWM Rejection
TPA132Q	Production	Automotive	1	-4	80	0.15	Bi-dir	130	1000	G = 20, 50	0.3	12	100	1000	YES	3	5.5	4000	0	SOP8, TSSOP8	Automotive Bi-Directional Current-Sense Amplifier with PWM Rejection
TPA131C	Production	Industrial	1	-4	80	0.15	Uni-dir	130	1000 at G=20, 50, 100, 200; 500 at G=500;	G = 20, 50, 100, 200, 500	0.3	12	±140	1000	YES	3	5.5	4000	1	MSOP8	HV, Unidirectional, Current-Sense Amplifier With Comparator
TPA133	Production	Industrial	1	-4	95	0.15	Bi-dir	130	1000 at G=10, 20, 50, 100, 200; 500 at G=500;	G = 10, 20, 50, 100, 200, 500	±0.3	12	120	1000	YES	3	5.5	4000	0	MSOP8	95V Vcm, Bidirectional, Current-Sense Amplifier with PWM Rejection
TPA135	Production	Industrial	1	-4	80	0.15	Uni-dir	128	1000 at G = 20, 50, 100, 200; 500 at G=500;	G = 20, 50, 100, 200, 500	±0.35	12	140	1000	YES	3	5.5	4000	0	SOT23-5	80V Vcm, Uni-directional, Current-Sense Amplifier with PWM Rejection
TPA158	Production	Industrial	1	3	150	0.1	Uni-dir	120	1000 at G=20, 50, 100, 200; 600 at G=500;	G = 20, 50, 100, 200, 500	±0.55	20	±150	90000	NO	3	20	1400	0	SOT23-5	3-V to 150-V VCM, 1 MHz, High-Precision, Current-Sense Amplifier
TPA191	Production	Industrial	1	-0.3	36	0.2	Bi-dir	93	150 at G=20;80 at G=50;50 at G=75;30 at G=100;15 at G=200	G = 50, 100, 200	1	10	255	22000	NO	2.7	36	115	0	SOT363	/
TPA191Q	Production	Automotive	1	-0.3	36	0.2	Bi-dir	93	150 at G=20; 80 at G=50; 50 at G=75;30 at G=100; 15 at G=200	G = 20, 50, 75, 100, 200, 500, 1000	1	10	255	22000	NO	2.7	36	115	0	SC70-6	Automotive Bi-Directional Current Sense Amplifier
TPA2295C	Production	Industrial	1	-0.1	70	<0.5	Uni-dir	110	500	G = 20, 50, 100	0.5	5	500	<210000	NO	3	18	1000	1	MSOP8	Integrated comparator
TPA2296	Production	Industrial	1	-0.1	70	<0.6	Uni-dir	90	400 at G=20;300 at G=50;200 at G=100	G = 100	0.5	5	500	<210000	NO	3	18	1000	0	SOT23-5,SOT23-6	/
TPA127	Production	Industrial	1	3	60	1.5	Uni-dir	90	333 at G=1; 26.8 at G=24	Variable	NA	NA	2400	42000	NO	3	60	61	0	SOT23-5	High-Side Variable Gain Current Sense Amplifier
TPA170C	Production	Industrial	1	0	36	1	Uni-dir	-	-	-	-	-	±850@Delay=50us	80	NO	2.7	5.5	310	1	DFN2x2-10, MSOP10	36V, Overcurrent-Protection, Current Sense Comparator

仪表放大器

Part Number	Status	Rating	Product Family	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	IQ (mA, Typ)	Ib (Typ) (nA)	Bandwidth at G=1 (Typ) (MHz)	Gain Seting (V/V)	Gain Error at G=1 (Max) (%)	CMRR at G=1 (Min) (dB)	Package	Feature
TPA1286	Production	Industrial	Instrumentation Amplifer	4.5	36	3.8	0.3	1.6	1 to 1000	0.05	80	DFN3X3-8,MSOP8,SOP8	/
TPA1287	Production	Industrial	Instrumentation Amplifer	4.5	36	1.6	0.3	1.2	1 to 1000	0.05	80	MSOP8,SOP8	/

差动放大器

Part Number	Status	Rating	Product Family	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq (Max) (mA)	Bandwidth (Typ) (MHz)	Gain Seting (V/V)	Gain Error (Max) (%)	Input Range (V)	CMRR (Typ) (dB)	Package	Feature
TPA9151	Production	Industrial	Difference Amplifer	4.5	36	3	0.5	1	0.03	±275	90	SOP8	Two reference pin.
TPA9152	Production	Industrial	Difference Amplifer	4.5	36	3	0.5	1	0.03	±275	90	SOP8	One reference pin.
TPA9361	Production	Industrial	Difference Amplifer	4.5	36	2	3	1	0.05	-2 * (-VS) to 2 * [(+VS) - 1.5]	100	SOP8	/
TPA9363	Production	Industrial	Difference Amplifer	4.5	36	2	3	0.48	0.05	-3 * (-VS) to 3 * [(+VS) - 1.5]	100	SOP8	/
TPA9372	Preview	Industrial	Difference Amplifer	4	30	0.2	0.4	0.833	0.05	-30 TO 26 (at Vs=±15V)	85	SOP8	/
TPA9376	Preview	Industrial	Difference Amplifer	4	30	0.2	0.2	0.25	0.05	-60 TO 60 (at Vs=±15V)	85	SOP8	/

对数放大器

Part Number	Status	Rating	CH	VDD (V)	IQ (mA, Max)	Input Current Range	Logarithmic Slope (mV/dec, Typ.)	Law Conformance Error (dB, Max.)	Package	Feature
TPA8304	Production	Industrial	1	4.5~5.5	10	1nA to 10mA	200	0.25 at Input>10nA	QFN3X3-16,TSSOP14	/

带电压基准的放大器

Part Number	Status	Rating	Working Voltage (Max) (V)	Vos (Max) (mV)	Voltage Reference (Typ) (V)	Voltage Reference Accuracy (Max) (%)	Reference for Current (Typ) (mV)	Package	Feature
TPA7252	Production	Industrial	3~36	4	2.5	0.01	/	SOP8	/
TPA7253	Production	Industrial	3~36	2	2.5	0.01	/	SOP8	/
TPA7256	Production	Industrial	3~36	/	1.21	0.01	70	SOT23-6	/

匹配电阻网络

Part Number	Status	Rating	Product Family	Resistor Configuration	Working Voltage (Max) (V)	Resistor Matching Ratio (Max) (%)	Resistor Matching Ratio Temperature Drift (Max) (ppm/°C)	Matching for CMRR (Max) (%)	Package	Feature
TPR8600	Production	Industrial	Matched Resistor Network	10k,10k,10k,10k	60	0.025	1	0.015	EMSOP8	/
TPR8601	Production	Industrial	Matched Resistor Network	10k,10k,10k,10k	60	0.025	1	0.015	EMSOP8	/
TPR8602	Production	Industrial	Matched Resistor Network	100k,10k,10k,100k	60	0.025	1	0.015	EMSOP8	/
TPR8603	Production	Industrial	Matched Resistor Network	300k,300k,300k,300k	60	0.03	1	0.02	EMSOP8	/
TPR8606	Production	Industrial	Matched Resistor Network	1k,1k,1k,1k	20	0.025	1	0.015	EMSOP8	/
TPR8607	Production	Industrial	Matched Resistor Network	5k,1k,1k,5k	20	0.025	1	0.015	EMSOP8	/
TPR8608	Preview	Industrial	Matched Resistor Network	9k,1k,1k,9k	36(For R1、R4) 10(For R2、R3)	0.025	1	0.015	EMSOP8	/
TPR8609	Preview	Industrial	Matched Resistor Network	100k,100k,100k,100k	150	0.025	1	0.015	EMSOP8	/
TPR8610	Preview	Industrial	Matched Resistor Network	5k,1.25k,1.25k,5k	35(For R1、R4) 15(For R2、R3)	0.025	1	0.015	EMSOP8	/
TPR8611	Production	Industrial	Matched Resistor Network	60k,30k,30k,60k	100(For R1、R4)60(For R2、R3)	0.025	1	0.005	EMSOP8	/
TPR8612	Production	Industrial	Matched Resistor Network	100k,10k,10k,100k	140(For R1、R4)60(For R2、R3)	0.025	1	0.005	EMSOP8	/

传感器接口

Part Number	Status	Rating	VDD (V)	Description	Package	Feature
TPA8801B	Production	Industrial	2.1~5.5	TPA8801B is a high sensitivity current input inter	TSSOP14	/
TPAFE411	Production	Industrial	2.7~5.5	The TPAFE411 is designed only for Hall elements to	QFN4X4-20	/

电池管理

线性充电芯片

Part Number	Status	Rating	VIN MAX (V)	Float Voltage (V)	Float Voltage Accuracy	Max Output Current (mA)	IBAT (μA)	OVP (V)	Temperature Range (°C)	Package
TPB4056A	Production	Industrial	26.5	4.2	0.01	1000	4	6.8	-40 to +125	DFN2X2-8,ESOP8
TPB4056B	Production	Industrial	26.5	4.2	0.01	1000	4	10.5	-40 to +125	EMSOP8,ESOP8

高边驱动

Part Number	Status	Rating	Temperature Range (°C)	Package
TPB76200	Production	Industrial	-40 to +125	TSSOP16

电池监控

Part Number	Status	Rating	Cell Number	Accuracy	Temperature Range (°C)	Package
TPB76016	Production	Industrial	17	+/-5mV @ (-40°C to 85°C)	-40°C to 85°C	LQFP7x7-48
TPB76016A	Production	Industrial	17	+/-5mV @ (-40°C to 85°C)	-40°C to 85°C	LQFP7x7-48

数据转换器

精密数模转换器（DAC）

Part Number	Status	Rating	Channel	Resolution	VDD (V)	Output Type	Reference Type	Settling Time (μS)	Architecture	Output POR Status	INL	DNL (LSB, Max)	Offset Error (mV, Max)	IDD (μA/CH, Max) (μA)	Gain Error (% of FSR, Max)	Voltage Output Range (V)	D to A Glitch Impulse (nV-sec)	Interface Type	Temperature Range (°C)	Package
TPC112S1	Production	Industrial	1	12	2.7~5.5	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC112S4	Production	Industrial	4	12	2.7~5.5	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC112S8	Production	Industrial	8	12	2.7~5.5	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	QFN4X4-16,TSSOP16
TPC112S8U	Production	Industrial	8	12	2.7~5.5	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	QFN4X4-16,TSSOP16
TPC114S1	Production	Industrial	1	14	2.7~5.5	Buffered Voltage	Ext	14	String	0	±8	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC116S1	Production	Industrial	1	16	2.7~5.5	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC116S4	Production	Industrial	4	16	2.7~5.5	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC116S8	Production	Industrial	8	16	2.7~5.5	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	QFN4X4-16,TSSOP16
TPC2160	Production	Industrial	1	16	2.7~5.5	Unbuffered Voltage	Ext	1	R-2R	0	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	DFN3X3-8,SOP8
TPC2161	Production	Industrial	1	16	2.7~5.5	Unbuffered Voltage	Ext	1	R-2R	0	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	SOP14
TPC2190	Production	Industrial	8	16	2.7~5.5	Buffered Voltage	Int, Ext	6	R-2R	0	±3	±1	±2.5	750	±0.1	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16
TPC2192	Production	Industrial	8	12	2.7~5.5	Buffered Voltage	Int, Ext	6	R-2R	0	±1	±1	±2.5	750	±0.1	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16,WLCSP
TPC2196	Production	Industrial	8	16	2.7~5.5	Buffered Voltage	Int, Ext	6	R-2R	0	±8	±1	±4	750	±0.2	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16
TPC2182	Production	Industrial	4	12	10~65	Buffered Voltage	Int, Ext	30	String	0	±1	±1	±120	500	±0.6	0~30, 0~60	300	SPI	-40 to +125	TSSOP16
TPC2201	Production	Industrial	1	16	10~50	Buffered Voltage, Current	Int, Ext	8	R-2R	0	±0.008%FSR	±1	±1.5	4400	±0.2	0~5V,0~10V,±5V, ±10V,4~20mA,0~20mA,0~24mA,	10	SPI	-40 to +125	QFN6X6-40,TSSOP24

精密模数转换器（ADC）

Part Number	Status	Rating	Resolution	VDD (V)	Channel	Throughput Rate (Msps)	Architecture	Input Type	Multichannel Configuration	INL (LSB, Max)	DNL (LSB, Max)	Offset Error (LSB, Max)	Gain Error (LSB)	Voltage Input Range (V)	IDD (mA)	Digital Interface	Temperature Range (°C)	Package
TPAFE5160	Production	Industrial	16	4.75~5.25	8	0.35	SAR	Pseudo-Differential	Simultaneous Sampling	±2	±0.99	±15	±15	±5, ±10	52	Parallel/SPI	-40 to +125	EVM,LQFP10X10-64
TPAFE5161	Production	Industrial	16	4.75~5.25	4	0.35	SAR	Pseudo-Differential	Simultaneous Sampling	±2	±0.99	±15	±15	±5, ±10	52	Parallel/SPI	-40 to +125	LQFP10X10-64
TPAFE5162	Production	Industrial	16	4.75~5.25	8	0.2	SAR	Pseudo-Differential	Simultaneous Sampling	±2	±0.99	±15	±15	±5, ±10	52	Parallel/SPI	-40 to +125	LQFP10X10-64
TPAFE5165H8	Production	Industrial	16	4.75~5.25	8	0.5	SAR	Pseudo-Differential	Simultaneous Sampling	±3	±0.99	±13	±20	±5, ±10	50	Parallel/SPI	-40 to +125	LQFP10X10-64
TPAFE51760	Production	Industrial	16	4.75~5.25	16	1	SAR	Pseudo-Differential	Multiplexed, Simultaneous Sampling	±3	±0.99	±10	±60	±2.5, ±5, ±10	47.6	Parallel/SPI	-40 to +125	EVM,LQFP14X14-80
TPAFE51736S8	Production	Industrial	16	4.75~5.25	8	0.5	SAR	Differential	Multiplexed	±2	±0.99	±40	±0.05%FSR	±12.288, ±10.24, ±6.144, ±5.12, ±3.072, ±2.56, 0-12.288, 0-10.24, 0-6.144, 0-5.12	30	SPI	-40 to +125	EVM,TSSOP38

精密模数转换器（ADC）

Part Number	Status	Rating	Resolution	VDD (V)	Channel	Throughput Rate (MSPs)	Architecture	Input Type	Multichannel Configuration	INL (LSB, Max)	DNL (LSB, Max)	Offset Error (LSB, Max)	Gain Error (LSB)	Voltage Input Range (V)	IDD (mA)	Digital Interface	Temperature Range (°C)	Package
TPAFE51736S4	Production	Industrial	16	4.75~5.25	4	0.5	SAR	Differential	Multiplexed	±2	±0.99	±40	±0.05%FSR	±12.288, ±10.24, ±6.144, ±5.12, ±3.072, ±2.56, 0-12.288, 0-10.24, 0-6.144, 0-5.12	30	SPI	-40 to +125	EVM,TSSOP38
TPAFE51716S	Production	Industrial	16	4.75~5.25	1	0.1	SAR	Differential	/	±2	±0.99	±4	±7	±12.288, ±10.24, ±6.144, ±5.12, ±3.072, ±2.56, 0-12.288, 0-10.24, 0-6.144, 0-5.12	9	SPI	-40 to +125	EVM,TSSOP16
TPAFE51716H	Production	Industrial	16	4.75~5.25	1	1	SAR	Differential	/	±4.2	±0.99	±4	±7	±12.288, ±10.24, ±6.144, ±5.12, ±3.072, ±2.56, 0-12.288, 0-10.24, 0-6.144, 0-5.12	9	SPI	-40 to +125	EVM,TSSOP16
TPC502200	Production	Industrial	12	2.7~5	8	0.04	SAR	Single-Ended	Multiplexed	±1	(-0.99, +1)	±2	±3	0 to Vref	0.21	I2C	-40 to +125	TSSOP16
TPC5120	Production	Industrial	12	2.7~5.5	16	1	SAR	Single-Ended	Multiplexed	±1.5	(-1, 1.5)	±4	±2	0 to Vref, 0 to 2xVref	1.65	SPI	-40 to +125	EVM,QFN5X5-32,TSSOP38
TPC5120Q	Production	Automotive	12	2.7~5.5	16	1	SAR	Single-Ended	Multiplexed	±1.5	(-1, 1.5)	±4	±2	0 to Vref, 0 to 2xVref	3.8	SPI	-40 to +125	TSSOP38
TPC5121	Production	Industrial	12	2.7~5.5	8	1	SAR	Single-Ended	Multiplexed	±1.5	(-1, 1.5)	±4	±3	0 to Vref, 0 to 2xVref	1.65	SPI	-40 to +125	EVM,QFN4X4-24
TPC5121Q	Production	Automotive	12	2.7~5.25	8	1	SAR	Single-Ended	Multiplexed	±1.5	(-0.99, 1.5)	±5	±4	0 to Vref, 0 to 2xVref	3.8	SPI	-40 to +125	TSSOP30
TPC5121XQ	Production	Automotive	12	2.7~5.25	8	1	SAR	Single-Ended	Multiplexed	±1.5	(-0.99, 1.5)	±5	±4	0 to Vref, 0 to 2xVref	3.5	SPI	-40 to +125	TSSOP30
TPC5160	Production	Industrial	16	4.5~5.5	1	0.6	SAR	Differential	/	±3.2	±1	±5	±12	-Vref to Vref	4.8	SPI	-40 to +125	MSOP10
TPC5161	Production	Industrial	16	4.5~5.5	1	0.6	SAR	Pseudo-Differential	/	±2.5	(-0.99, +1.1)	±7	±15	0 to Vref	4.8	SPI	-40 to +125	MSOP10
TPC51701	Production	Industrial	16	4.5~5.5	8	1	SAR	Pseudo-Differential	Multiplexed	(-3.3, +2.3)	(-0.99, +1.1)	±14	(-14, +29)	0 to Vref	7.6	SPI	-40 to +125	EVM,QFN4X4-20
TPC5180	Production	Industrial	18	4.5~5.5	1	0.3	SAR	Differential	/	±8	(-0.99, +1.1)	±18	±73	-Vref to Vref	3.5	SPI	-40 to +125	MSOP10
TPC6240	Production	Industrial	24	3~5.5	16	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±10ppmFSR	/	±0.18mV	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	EVM,QFN6X6-40
TPC62408	Production	Industrial	24	3~5.5	8	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±10ppmFSR	/	±0.18mV	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	QFN6X6-40
TPC62410	Production	Industrial	24	3~5.5	12	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±10ppmFSR	/	±0.18mV	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	EVM,TQFP5x5-32
TPC62412	Production	Industrial	16	3~5.5	12	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±10ppmFSR	/	±0.18mV	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	EVM,TQFP5x5-32
TPC6200SQ	Production	Automotive	24	2.7~5.5	4	0.032	Sigma-Delta	Differential, Single-Ended	Multiplexed	±35ppmFSR	/	±0.2mV	±0.05%FSR	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.6	SPI	-40 to +125	EVM,MSOP10
TPC6160SQ	Production	Automotive	16	2.7~5.5	4	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±1	/	±3.2	±16	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.2	SPI	-40 to +125	EVM,MSOP10
TPC6160IQ	Production	Automotive	16	2.7~5.5	4	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±1	/	±3.2	±16	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.2	I2C	-40 to +125	EVM,MSOP10

精密模数转换器（ADC）

Part Number	Status	Rating	Resolution	VDD (V)	Channel	Throughput Rate (MSPs)	Architecture	Input Type	Multichannel Configuration	INL (LSB, Max)	DNL (LSB, Max)	Offset Error (LSB, Max)	Gain Error (LSB)	Voltage Input Range (V)	IDD (mA)	Digital Interface	Temperature Range (°C)	Package
TPC6200S	Production	Industrial	24	2.7~5.5	4	0.032	Sigma-Delta	Differential, Single-Ended	Multiplexed	±35ppmFSR	/	±0.2mV	±0.05%FSR	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.6	SPI	-40 to +125	EVM,MSOP10
TPC6160S	Production	Industrial	16	2.7~5.5	4	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±1	/	±3.2	±16	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.2	SPI	-40 to +125	EVM,MSOP10
TPC6160I	Production	Industrial	16	2.7~5.5	4	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±1	/	±3.2	±16	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.2	I2C	-40 to +125	EVM,MSOP10

高速数模转换器（DAC）

Part Number	Status	Rating	CH	Resolution	Update Rate (MSPS)	Interface	Output	SNR(dB)	VDD (V)	Reference	Package
3PD5651E	Production	Industrial	1	10	125	Parallel	2mA~20mA	52	2.7~5.5	Internal/External	TSSOP28
3PD9708E	Production	Industrial	1	8	125	Parallel	2mA~20mA	50	2.7~5.5	Internal/External	TSSOP28

高速模数转换器（ADC）

Part Number	Status	Rating	CH	Resolution	Update Rate (MSPS)	Interface	VIN (V)	DNL (LSB)	SINAD (dB)	VDD (V)	Reference	Package
3PA1030	Production	Industrial	1	10	50	Parallel	0~2	0.3	56.5	2.7~5.5	Internal/External	TSSOP28
3PA9280	Production	Industrial	1	8	32	Parallel	0~2	0.3	49	2.7~5.5	Internal/External	SSOP28

数字式电流/功率检测器

Part Number	Status	Rating	Channel	Resolution (Bits)	Common Mode Voltage (Max) (V)	Shunt Offset (+/-) (Max) (μV)	Gain Error (%)	CMRR (Min) (dB)	Supply Voltage (Max) (V)	Supply Voltage (Min) (V)	Iq (Typ) (mA)	Digital Interface	Operating Temperature Range (°C)	Package	Feature
TPA6190	Production	Industrial	12	12	0~36	50	0.4	110	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	SOP8	Bidirectional, Intergrated Power Monitor, Low-side Capable, Programmable Gain
TPA620	Production	Industrial	12	12	0~36	50	0.4	110	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10	Bidirectional, Intergrated Power Monitor, Low-side Capable, Programmable Gain
TPA626	Production	Industrial	12	16	0~36	30	0.4	SPI/I2C	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise

数字式电流/功率检测器

Part Number	Status	Rating	Channel	Resolution (Bits)	Common Mode Voltage (Max) (V)	Shunt Offset (+/-) (Max) (μV)	Gain Error (%)	CMRR (Min) (dB)	Supply Voltage (Max) (V)	Supply Voltage (Min) (V)	Iq (Typ) (mA)	Digital Interface	Operating Temperature Range (°C)	Package	Feature
TPA6270X	Production	Industrial	1	16	0~36	10	0.15	120	5.5	2.7	0.6	I2C, SMBUS	-40 to +125	MSOP10	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise
TPA6271	Production	Industrial	1	16	0~120	10	0.15	120	5.5	2.7	0.6	I2C, SMBUS	-40 to +125	MSOP10	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise
TPA6290	Production	Industrial	3	13	0~36	10	0.05	110	5.5	2.7	0.65	I2C, SMBUS	-40 to +125	QFN4X4-16	Alert and Warning Function, Configurable Averaging Options, Ultra precise

多通道可配置模数/数模转换器

Part Number	Status	Rating	ADC Input Channel	ADC Resolution (Bits)	ADC Input Range (V)	DAC Channel	DAC Resolution (Bits)	DAC Output Type	DAC Output Range	GPIO Number	VREF	Temperature Sensor	Interface	Temperature Range (°C)	Package	Features
TPA7836B	Production	Industrial	21	12	High precision inputs: 0~5V,Bipolar inputs: -12.5V	16	12	Voltage	-10V,-5V,5V,-10V	8	Internal	Internal	SPI	-40 to +125	TQFP10X10-64	Highly-integrated Power Amplifier Control Circuit with 21-channel, 12-bit ADC and 16-channel 12-bit DAC.
TPAFE0532	Production	Industrial	5	12	0~5V, 0~2.5V	32	12	Voltage	-10V,-5V,5V,-10V	5	Internal	Internal	4-Wire SPI	-40 to +125	TQFP10X10-64	Highly-integrated Power Amplifier Control Circuit with 5-channel, 12-bit ADC and 21-channel 12-bit DAC.
TPAFE0534	Production	Industrial	6	12	0~5V, 0~2.5V	32	12	Voltage	-10V,-5V,5V,-10V	6	Internal	Internal	3-Wire SPI	-40 to +125	TQFP10X10-64	Highly-integrated Power Amplifier Control Circuit with 6-channel, 12-bit ADC and 21-channel 12-bit DAC.
TPAFE0808	Production	Industrial	8	12	0~VREF,0~2*VREF	8	12	Voltage	5V	8	Internal/External	Internal	SPI	-40 to +125	QFN3X3-16,WLCSP	8 analog pins configurable as ADC/DAC/GPIO
TPAEA008	Production	Industrial	4	12	0~5V	8	12	4 Voltage,4 Current	Voltage: -5V,-2.5V,2.5V,5V Current: 200mA	4	Internal/External	Internal	SPI/I2C	-40 to +125	WLCSP	4 IDACs,4 VDACs with positive/negative output

温度传感器

Part Number	Status	Rating	Remote Channels	Type	Local Sensor Accuracy (°C) (max)	Temperature Resolution (Bits)	Supply Voltage (Max) (V)	Supply Voltage (Min) (V)	Iq (Typ) (μA) (max)	Digital Interface	Operating Temperature Range (°C)	Package	Features
TPTMP75	Production	Industrial	/	Local	±1@-20~85°C±1.5@-40~85°C ±2@-40~125°C	12	5.5	2.2	66	I2C,SMBUS	-40 to +125	MSOP8,SOP8	ALERT,One-shot conversion

DCDC

宽压降压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Temperature Range (°C)	Package	Feature
TPP00031	Production	Industrial	4.5~100	1.225~100	0.3	Constant On Time	1000	-40 to +125	DFN3X3-8,ESOP8	FPWM
TPP00032	Production	Industrial	4.5~100	1.225~100	0.3	Constant On Time	1000	-40 to +125	DFN3X3-8,ESOP8	PFM
TPP302080	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	500	-40 to +125	TSOT23-6	PSM
TPP302081	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	2200	-40 to +125	TSOT23-6	PSM
TPP302082	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	500	-40 to +125	TSOT23-6	FPWM
TPP302083	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	2200	-40 to +125	TSOT23-6	FPWM
TPP303080	Production	Industrial	4.5~30	0.6~30	3	Peak Current Mode	400	-40 to +125	TSOT23-6	PSM
TPP361060	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	-40 to +125	TSOT23-6	PSM
TPP361061	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	-40 to +125	TSOT23-6	PSM
TPP361062	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	-40 to +125	TSOT23-6	FPWM
TPP361063	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	-40 to +125	TSOT23-6	FPWM
TPP361064	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	1000	-40 to +125	TSOT23-6	PSM
TPP361065	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	1000	-40 to +125	TSOT23-6	FPWM
TPP361080	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	-40 to +125	TSOT23-6	PSM
TPP361081	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	-40 to +125	TSOT23-6	PSM
TPP361082	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	-40 to +125	TSOT23-6	FPWM
TPP361083	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	-40 to +125	TSOT23-6	FPWM
TPP362080	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	-40 to +125	TSOT23-6	PSM
TPP362081	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	2200	-40 to +125	TSOT23-6	PSM
TPP362082	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	-40 to +125	TSOT23-6	FPWM
TPP362084	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	1000	-40 to +125	TSOT23-6	PSM
TPP363080	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	400	-40 to +125	TSOT23-6	PSM
TPP363081	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	1000	-40 to +125	TSOT23-6	PSM
TPP363082	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	400	-40 to +125	TSOT23-6	FPWM
TPP363083	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	1000	-40 to +125	TSOT23-6	FPWM
TPP38002	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	-40 to +125	EVM,TSOT23-6	Isolated-Buck
TPP60308	Production	Industrial	4.5~60	0.8~60	3.5	Peak Current Mode	100-2500	-40 to +125	ESOP8	/
TPP60508	Production	Industrial	4.5~60	0.8~60	5	Peak Current Mode	100-2500	-40 to +125	DFN4X4-10	Softstart/Tracking
TPP60506	Production	Industrial	4.5~60	0.8~60	5	Peak Current Mode	100-2500	-40 to +125	ESOP8	/
TPP363070Q	Production	Automotive	3~36	1~36	3	Peak Current Mode	400	-40 to +125	QFN2X3-12	Low Quiescent Current
TPP363072Q	Production	Automotive	3~36	1~36	3	Peak Current Mode	2100	-40 to +125	QFN2X3-12	Low Quiescent Current

Contact 3PEAK sales for more products information and samples.

宽压降压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Temperature Range (°C)	Package	Feature
TPP366090Q	Production	Automotive	3~36	1~36	6	Peak Current Mode	200-2200	-40 to +125	QFN4X3.5-14	PSM/Low Quiescent Current
TPP366091Q	Production	Automotive	3~36	1~36	6	Peak Current Mode	200-2200	-40 to +125	QFN4X3.5-14	FPWM/Low Quiescent Current

中压降压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Temperature Range (°C)	Package	Feature
TPP206080	Production	Industrial	4.5~17	0.8~17	6	Peak Current Mode	200-1600	-40 to +125	QFN3.5X3.5-14	Softstart/Tracking
TPP206081	Production	Industrial	4.5~17	0.8~17	6	Peak Current Mode	200-1600	-40 to +125	QFN3.5X3.5-14	Softstart/Tracking
TPP21206	Production	Industrial	2.7~16	0.6~5.5	12	Constant On Time	600, 800, 1000	-40 to +125	QFN3X4-21	Fixed Frequency/Remote Sense

低压降压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Temperature Range (°C)	Control Mode	Package
TPP056080	Production	Industrial	2.8~6	0.6~6	6	-40 to +125	Peak Current Mode	QFN3X3-16

功率级 DrMOS

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Current Limit (A)	trise (ns)	tfall (ns)	PWM Logic (V)	Temperature Range (°C)	Package
TPM1525	Production	Industrial	7~140	/	1	20	40	40	3.3	-40 to +125	SOP8

升压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Temperature Range (°C)	Package
TPQ05100	Production	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	DFN2X2-6,WLCSP
TPQ50551Q	Production	Automotive	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12
TPQ50551	Production	Industrial	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12
TPQ5055Q	Production	Automotive	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12

升压变换器

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Temperature Range (°C)	Package
TPQ5055	Production	Industrial	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12
TPQ50571Q	Production	Automotive	3~45	VIN~45	6.2	-40 to +125	QFN3X3-16
TPQ50571	Production	Industrial	3~45	VIN~45	6.2	-40 to +125	QFN3X3-16
TPQ80302	Production	Industrial	3.1~80	VIN~80	4	-40 to +125	QFN3.5X3.5-20

以太网供电

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Temperature Range (°C)	PD Hot-Swap Swith Rdson (Ω)	PoE Standards Supported	PoE Current Limit (mA)	DCDC Controller or Converter	DCDC Topology	DCDC Integrated Switch Rdson (Ω)	Switching Frequency (kHz)	Max Duty Cycle (%)	Fault Response	Package	Special Features
TPE15017	Production	Industrial	24~57	/	/	-40 to +125	0.56	802.3af	460	Converter	Flyback	0.36/0.78	200 - 700	74	Hiccup	QFN3X4-19	EMI Reduction with Frequency Dithering,Active-Clam

隔离电源

Part Number	Status	Rating	VIN (V)	Max Output Current (A)	Topology	Regulation	Switching Frequency (kHz)	Output (V)	Temperature Range (°C)	Package
TPM6501	Production	Industrial	2.5~25	1	Push-pull	Open-loop	420, 2200	/	-40 to +125	SOT23-5
TPM6501Q	Production	Automotive	2.5~25	1	Push-pull	Open-loop	420, 2200	/	-40 to +125	SOT23-5
TPM6505	Production	Industrial	2.5~25	1	Push-pull	Open-loop	160, 420, 2200	/	-40 to +125	SOT23-6
TPM6505Q	Production	Automotive	2.5~25	1	Push-pull	Open-loop	160, 420, 2200	/	-40 to +125	SOT23-6
TPP38002	Production	Industrial	4.5~36	2	Isolated-Buck	PSR	500	/	-40 to +125	EVM,TSOT23-6
TPP38003	Production	Industrial	4.5~36	3	Isolated-Buck	PSR	400	/	-40 to +125	TSOT23-6
TPQ5180	Production	Industrial	4.5~75	1.5	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8
TPQ5180Q	Production	Automotive	4.5~75	1.5	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8
TPQ5181Q	Production	Automotive	4.5~60	2.1	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8

驱动器

直流马达驱动

Part Number	Status	Rating	VIN (V)	Rdson (H+L) (Ω)	Max Output Current (A)	# of Half Bridges	Temperature Range (°C)	Package
TPM16050	Production	Industrial	3~17	0.85	0.5	2	-40 to +125	SOT23-6
TPM8837C	Production	Industrial	2.5~17	0.85	1	2	-40 to +125	DFN2X2-8,SOP8
TPM8837E	Production	Industrial	2.5~12	1	1	2	-40 to +125	DFN2X2-8

步进马达驱动

Part Number	Status	Rating	Channel	VIN (V)	Max Output Current (A)	Package	Features
TPM0596	Production	Industrial	8	5~50	0.5	TSSOP16	Shift Register
TPM2003	Production	Industrial	7	5~50	0.5	MSOP10,SOP16,SOP18,TSSOP16	Parallel Input
TPM8803	Production	Industrial	4	5~48	3	ETSSOP16,EVM	Short Protection
TPM8860	Production	Industrial	8	5~48	1.5	ETSSOP16,EVM,TSSOP16	Shift-Register Interface, Open-Load, Short Protection
TPM8866	Production	Industrial	8	5~48	1.5	ETSSOP24,EVM	Shift-Register Interface, Open-Load, Short Protection, Fault Mask, CRC

隔离栅极驱动

Part Number	Status	Rating	Isolation Rating (Vrms)	Channel	Input	Peak Output Current (A)	Features	Output Voltage Max (V)	Output Voltage Min (V)	Propagation Delay (ns)	Junction Temperature Range (°C)	Package
TPM23513	Production	Industrial	5700	1	Opto-coupler Compatible	4.5/5	Opto-coupler compatible input	40	14	60	-40 to +150	EVM,WSOP6
TPM23513B	Production	Industrial	5700	1	Opto-coupler Compatible	4.5/5	Opto-coupler compatible input, 8V UVLO	40	10	60	-40 to +150	WSOP6
TPM23514	Production	Industrial	5700	1	Opto-coupler Compatible	5/5	Opto-coupler compatible input, Miller Clamp	40	14	60	-40 to +150	WSOP8
TPM5350BM	Sample	Industrial	5700	1	TTL/CMOS	5/5	8V UVLO, Miller Clamp	40	10	40	-40 to +150	WSOP8
TPM5350BMQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	8V UVLO, Miller Clamp	40	10	40	-40 to +150	WSOP8
TPM5350BSQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	8V UVLO, Split Gate	40	10	40	-40 to +150	WSOP8
TPM5350M	Pre-Releasing	Industrial	5700	1	TTL/CMOS	5/5	12 V UVLO, Miller Clamp	40	14	40	-40 to +150	WSOP8
TPM5350MQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	12 V UVLO, Miller Clamp	40	14	40	-40 to +150	WSOP8
TPM5350S	Pre-Releasing	Industrial	5700	1	TTL/CMOS	5/5	12 V UVLO, Split Gate	40	14	40	-40 to +150	WSOP8
TPM21520	Pre-Releasing	Industrial	5700	2	TTL/CMOS	4.2/7.8	12 V UVLO	30	13.5	30	-40 to +150	WSOP16
TPM215201	Sample	Industrial	5700	2	TTL/CMOS	4.2/7.8	8 V UVLO	30	9.2	30	-40 to +150	WSOP16

隔离栅极驱动

Part Number	Status	Rating	Isolation Rating (Vrms)	Channel	Input	Peak Output Current (A)	Features	Output Voltage Max (V)	Output Voltage Min (V)	Propagation Delay (ns)	Junction Temperature Range (°C)	Package
TPM21502	Sample	Industrial	5700	2	TTL/CMOS	4.2/7.8	5 V UVLO	30	6.5	30	-40 to +150	WSOP16
TPM81530M	Pre-Releasing	Industrial	5700	2	TTL/CMOS	4.2/7.8	12 V UVLO, Miller Clamp	30	13.5	30	-40 to +150	WSOP20

非隔离栅极驱动

Part Number	Status	Rating	VIN (V)	Channel	Max Output Current (A)	Input Voltage Range (V)	Junction Temperature Range (°C)	Rise/Fall Time (ns)	Propagation Delay (ns)	Delay Matching (ns)	Package
TPM2015Q	Production	Automotive	4.75~5.25	1	7	0~5	-40 to +150	0.45/0.45	2	N/A	QFN2X2-10
TPM2025	Production	Industrial	4.75~5.25	2	7	0~5	-40 to +150	0.45/0.45	2	0.05	QFN2X2-10
TPM2025Q	Production	Automotive	4.75~5.25	2	7	0~5	-40 to +150	0.45/0.45	2	0.05	QFN2X2-10
TPM27224	Production	Industrial	4.5~23	2	2	-5~20	-40 to +150	8/9	18	1	DFN2X2-8,SOP8
TPM27524	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,DFN3X3-8,EMSOP8,SOP8
TPM27524Q	Production	Automotive	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,EMSOP8,SOP8
TPM27217	Production	Industrial	4.5~23	1	2	-5~20	-40 to +150	8/9	18	1	SOT23-5
TPM27211	Sample	Industrial	7~20	2	4.5	-10~20	-40 to +150	8.7/5.9	30	2	SOP8, ESOP8, DFN4X4-8, DFN4X4-10 DFN3X3-8
TPM27282	Pre-Released	Industrial	7~20	2	4.5	-10~20	-40 to +150	8.7/5.9	30	2	
TPM27525	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,DFN3X3-8,EMSOP8,SOP8
TPM27526	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,DFN3X3-8,EMSOP8,SOP8
TPM27523	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,DFN3X3-8,EMSOP8,SOP8
TPM27517	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	<1	SOT23-5
TPM44273	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	<1	SOT23-6
TPM1025	Sample	Industrial	4.75~5.25	1	7	0~5	-40 to +150	0.45/0.45	2	N/A	QFN2X2-6
TPM1020	Sample	Industrial	4.75~5.25	1	7	0~5	-40 to +150	0.45/0.45	2	N/A	WLCSP
TPM27533	Production	Industrial	10~40	1	5	-5~20	-40 to +150	7/15	20	N/A	SOT23-5
TPM44175	Sample	Industrial	13~25	1	2.5	-10~20	-40 to +150	5/5	15	N/A	SOT23-6

接口产品

高压模拟开关

Part Number	Status	Rating	Channel	Switch Config	VCC-VEE (Min) (V)	VCC-VEE (Max) (V)	VCC (Min) (V)	VCC (Max) (V)	VEE (Min) (V)	VEE (Max) (V)	Input Range	BW (MHz)	IQ (μA)	Ron (Ω)	Leakage Current (nA)	VIH (Min) (V)	VIL (Max) (V)	tON (ns)	tOFF (ns)	Package
TPW4051	Production	Industrial	1	8:1	3	12	3	12	-6	0	VEE to VDD	200	8	60	400	2	0.8	60	50	QFN3X3-16,SOP16,TSSOP16,WSOP16
TPW4052	Production	Industrial	2	4:1	3	12	3	12	-6	0	VEE to VDD	200	8	60	400	2	0.8	60	50	SOP16,TSSOP16
TPW4053	Production	Industrial	3	2:1	3	12	3	12	-6	0	VEE to VDD	200	8	60	400	2	0.8	60	50	SOP16,TSSOP16
TPW4054	Production	Industrial	1	4:1	3	12	3	12	/	/	0V to VDD	200	8	60	400	2	0.8	60	50	MSOP10
TPW4066	Production	Industrial	4	1:1	3	12	3	12	/	/	0V to VDD	200	8	60	400	2	0.8	60	50	SOP14,TSSOP14
TPW4425	Production	Industrial	4	2:1	3	16	3	16	-8	0	VEE to VDD	150	0.1	4	100	1.5	0.5	320	130	QFN4X4-20

低压模拟开关

Part Number	Status	Rating	Channel	Switch Config	VCC (Min) (V)	VCC (Max) (V)	Input Range	BW (MHz)	IQ (μA)	Ron (Ω)	Leakage Current (nA)	VIH (Min) (V)	VIL (Max) (V)	tON (ns)	tOFF (ns)	Package
TPW1221	Production	Industrial	2	2:1	1.65	5.5	-2.5V to VCC	60	0.3	0.9	100	1.6	0.6	100	60	QFN1.4X1.8-10
TPW3111	Production	Industrial	1	1:1	1.65	5.5	0V to VCC	100	0.3	1.15	10	2.4	0.8	40	15	SOT23-5
TPW3115	Production	Industrial	1	1:1	1.65	5.5	0V to VCC	250	0.3	5	10	1.5	0.7	100	100	SOT23-5,SOT353
TPW3125	Production	Industrial	1	2:1	1.65	5.5	0V to VCC	250	0.3	5	10	1.42	0.7	100	100	SOT363
TPW3157A	Production	Industrial	1	2:1	1.65	5.5	0V to VCC	100	0.3	2	10	2.4	0.8	40	15	SOT363
TPW3188Q	Production	Automotive	1	8:1	1.65	5.5	0V to VCC	250	0.3	75	100	1.25	0.75	22	11	QFN2.5X3.5-16,TSSOP16
TPW3221	Production	Industrial	2	2:1	1.65	5.5	0V to VCC	100	0.3	1.15	10	2.4	0.8	40	15	DFN3X3-10,MSOP10
TPW3223	Production	Industrial	2	2:1	1.65	5.5	0V to VCC	100	0.3	1.15	10	2.4	0.8	40	15	QFN1.4X1.8-10
TPW3257	Production	Industrial	4	2:1	2.3	3.6	0V to 5.5V	400	1500 (max)	9	1000	1.7	0.7	8	8	QSOP16,SOP16,TSSOP16
TPW4157	Production	Industrial	1	2:1	1.65	5.5	0V to VCC	100	0.3	1.15	10	2.4	0.8	40	15	SOT23-6,SOT363

电平转换器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT24857	Production	Industrial	7	7	1.1	3.6	208000	7	8	/	-40 to +85	WLCSP20
TPT29306	Production	Industrial	1	1	1.2	5.5	1000	1	4	/	-40 to +85	DFN1.4X1-8,DFN3X4-8,MSOP8,VSSOP8
TPT29306L1	Production	Industrial	1	1	1.2	5.5	1000	1	4	/	-40 to +125	DFN1.4X1-8,DFN3X4-8,VSSOP8

Contact 3PEAK sales for more products information and samples.

电平转换器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT29336	Production	Industrial	1	1	1.2	5.5	12500	1	4	/	-40 to +125	MSOP8,SOT23-8,VSSOP8
TPT29511B	Production	Industrial	1	1	2.35	5.5	1000	6	7	/	-40 to +125	MSOP8,SOP8
TPT29511H	Production	Industrial	1	1	2.3	5.5	1000	6	7	/	-40 to +125	MSOP8,SOP8
TPT29617A	Production	Industrial	1	1	1.2	5.5	1000	15	7	/	-40 to +125	MSOP8,SOP8
TPT29617X	Production	Industrial	1	1	0.85	5.5	1000	15	7	/	-40 to +125	MSOP8

IO 扩展器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT29536A	Production	Industrial	2	4	1.65	5.5	400	0.03	3	/	-40 to +125	MSOP8
TPT29539Q	Production	Automotive	2	16	1.65	3.6	400	0.03	4	/	-40 to +125	TSSOP24
TPT29545	Production	Industrial	1	4	2.5	5.5	400	0.03	3.5	/	-40 to +85	TSSOP20
TPT29546A	Production	Industrial	1	4	2.5	5.5	400	0.03	3.5	/	-40 to +85	TSSOP16, SOP16
TPT29548	Production	Industrial	1	8	2.5	5.5	400	0.03	3.5	/	-40 to +85	QFN4X4-24,TSSOP24
TPT29548A	Production	Industrial	1	8	2.5	5.5	400	0.03	3.5	/	-40 to +85	QFN4X4-24,TSSOP24
TPT29548T	Production	Industrial	1	8	2.3	5.5	400	0.03	3.5	/	-40 to +125	QFN4X4-24
TPT29554A	Production	Industrial	2	8	1.65	5.5	400	0.03	4	/	-40 to +125	TSSOP16
TPT29555A	Production	Industrial	2	16	1.65	5.5	400	0.03	4	/	-40 to +125	QFN4X4-24,TSSOP24

CAN 收发器

Part Number	Status	Rating	Channel	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Mbps)	BUS Contact ESD (kV)	Package	Feature
TPT1042	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Standby
TPT1042Q	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Standby
TPT1042V	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Standby, VIO
TPT1042VQ	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Standby, VIO
TPT1043	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	12	DFN4.5X3-14,SOP14	Silent, Standby, Sleep, INH, VIO
TPT1043Q	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	12	DFN4.5X3-14,SOP14	Silent, Standby, Sleep, INH, VIO

CAN 收发器

Part Number	Status	Rating	Channel	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Mbps)	BUS Contact ESD (kV)	Package	Feature
TPT1043AQ	Preview	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	5	12	DFN4.5X3-14,SOP14	Silent, Standby, Sleep, INH, VIO
TPT1044Q	Preview	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8,SOP8	Standby
TPT1044VQ	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8,SOP8	Standby, VIO
TPT1051H	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Silent
TPT1051HV	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Silent, VIO
TPT1051Q	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Silent
TPT1051VQ	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	15	DFN3X3-8,SOP8	Silent, VIO
TPT1057Q	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8,SOP8	Silent
TPT1057VQ	Preview	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8,SOP8	Silent, VIO
TPT1145NQ	Production	Automotive	1	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	10	DFN4.5X3-14,SOP14	Partial Networking, SPI
TPT1445Q	Preview	Automotive	1	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	10	DFN4.5X3-14,SOP14	Partial Networking, SPI
TPT1255	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-42 to +42	5	15	DFN3X3-8,SOP8	Silent
TPT1256	Production	Industrial	1	CAN, CAN FD	4.5 to 5.5	-42 to +42	5	15	DFN3X3-8,SOP8	Silent, VIO
TPT1334	Production	Industrial	1	CAN, CAN FD	3 to 3.6	-45 to +45	5	6	SOP8,SOT23-8	Standby, Shut down
TPT1462VQ	Production	Automotive	1	CAN, CAN FD, CAN FD SIC	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8	Standby, VIO
TPT1463Q	Preview	Automotive	1	CAN, CAN FD, CAN FD SIC	4.5 to 5.5	-45 to +45	8	8	DFN3X3-8	Silent, Standby, Sleep, INH, VIO

LIN 收发器

Part Number	Status	Rating	Channel	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Kbps)	BUS Contact ESD (kV)	Package	Feature
TPT1021EQ	Production	Automotive	1	LIN	5.5 to 40	-45 to +45	20	15	SOP8	INH pin, WAKE pin
TPT1021Q	Production	Automotive	1	LIN	5.5 to 40	-45 to +45	20	15	DFN3X3-8,SOP8	INH pin, WAKE pin
TPT1022Q	Production	Automotive	2	LIN	5.5 to 40	-45 to +45	20	8	DFN4.5X3-14	SLP pin
TPT1024Q	Production	Automotive	4	LIN	5.5 to 40	-45 to +45	20	8	QFN5.5X3.5-24	SLP pin
TPT1029Q	Production	Automotive	1	LIN	5.5 to 40	-45 to +45	20	15	DFN3X3-8	

RS232 收发器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT3122E	Production	Industrial	2	2	3	5.5	1000	2	15	12	-40 to +125	QFN4X4-24
TPT3232A	Production	Industrial	2	2	3	5.5	250	1	15	12	-40 to +125	SOP16,SSOP16,TSSOP16
TPT3232E	Production	Industrial	2	2	3	5.5	250	15	8	12	-40 to +125	SOP16,SSOP16,TSSOP16
TPT3232X	Production	Industrial	2	2	3	5.5	250	1	17	12	-40 to +125	SOP16,SSOP16,TSSOP16
TPT3243	Production	Industrial	3	5	3	5.5	1000	1	18	20	-40 to +125	QFN5X5-32,SOP28,SSOP28,TSSOP28
TPT3335	Production	Industrial	3	5	3	5.5	1000	1	15	12	-40 to +125	QFN5X5-32,SOP28,SSOP28,TSSOP28

RS485 收发器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TP8480	Production	Industrial	0	1	3	5.5	250	0.6	12	N/A	-40 to +125	SOP8
TP8481	Production	Industrial	1	0	3	5.5	250	0.35	12	N/A	-40 to +125	SOP8
TP8485E	Production	Industrial	1	1	3	5.5	250	0.93	18	Yes	-40 to +125	MSOP8,SOP8
TPT4031	Production	Industrial	4	0	3	5.5	50000	0.05	18	9	-40 to +125	SOP16,TSSOP16
TPT4032	Production	Industrial	0	4	3	5.5	50000	0.05	18	10	-40 to +125	SOP16,TSSOP16
TPT4089	Production	Industrial	1	1	3	5.5	500 or 20000	2.5	18	15	-40 to +125	SOP14
TPT4181	Production	Industrial	1	1	3	5.5	500 or 20000	2.2	15	15	-40 to +125	DFN3X3-10
TPT4189	Production	Industrial	1	1	3	5.5	20000	2.5	18	12	-40 to +125	SOP14
TPT480	Production	Industrial	1	1	3	5.5	20000	2.5	20	15	-40 to +125	DFN3X3-8,SOP8
TPT481	Production	Industrial	1	1	3	5.5	20000	2.7	18	15	-40 to +125	DFN3X3-8,MSOP8,SOP8
TPT482	Production	Industrial	1	1	3	5.5	20000	2.5	20	15	-40 to +125	MSOP10,SOP14
TPT485E	Production	Industrial	1	1	3	5.5	500	0.8	18	12	-40 to +125	SOP8
TPT485N	Production	Industrial	1	1	3	5.5	500	0.95	18	12	-40 to +125	SOP8
TPT485A	Production	Industrial	1	1	4.5	5.5	500	0.6	18	15	-40 to +125	SOP8
TPT486	Production	Industrial	1	1	3	5.5	500	2.5	20	15	-40 to +125	SOP14
TPT487	Production	Industrial	1	1	3	5.5	500	0.75	18	15	-40 to +125	DFN3X3-8,MSOP8,SOP8
TPT487A	Production	Industrial	1	1	3	5.5	500	0.75	20	15	-40 to +125	SOP8
TPT488	Production	Industrial	1	1	3	5.5	500	2.5	20	15	-40 to +125	SOP8
TPT75176A	Production	Industrial	1	1	3	5.5	5000	5	12	Yes	-40 to +125	DFN3X3-8,MSOP8,SOP8

Contact 3PEAK sales for more products information and samples.

RS485 收发器

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT75176B	Production	Industrial	1	1	3	5.5	10000	5	12	Yes	-40 to +125	DFN3X3-8,MSOP8,SOP8
TPT75176H	Production	Industrial	1	1	3	5.5	10000	2.2	15	15	-40 to +125	DFN3X3-8,MSOP8,SOP8

SBC

Part Number	Status	Rating	Channel	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Kbps)	BUS Contact ESD (kV)	Package	Feature
TPT10283Q	Production	Automotive	1	LIN, SBC	5.5 to 40	-45 to +45	20	15	SOP8, DFN3X3-8, ESOP8	Integreted LDO
TPT10285Q	Production	Automotive	1	LIN, SBC	5.5 to 40	-45 to +45	20	15	SOP8, DFN3X3-8, ESOP8	Integreted LDO
TPT11695Q	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network
TPT11695XQ	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network
TPT11695FQ	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network
TPT11695XFQ	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network
TPT11693Q	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network
TPT11693FQ	Pre-view	Automotive	1	CAN FD SIC, SBC	5.5 to 40	-45 to +45	8000	8	DFN3.5X5.5-20	Integreted LDO, Watchdog, Partial Network

MLVDS

Part Number	Status	Rating	Drivers Per Package	Receivers Per Package	VCC (Min) (V)	VCC (Max) (V)	Data Rate (Max) (kBPS)	ICC (Max) (mA)	ESD HBM (kV)	IEC-61000-4-2 Contact (kV)	Operating Temperature Range (°C)	Package
TPT9H111	Production	Industrial	1	1	3	3.6	100000	24	8	Yes	-40 to +85	SOP8
TPT9H221	Production	Industrial	1	1	3	3.6	200000	24	8	Yes	-40 to +85	SOP8
TPT9H221A	Production	Industrial	1	1	3	3.6	200000	24	8	/	-40 to +85	SOP8
TPT9L484	Production	Industrial	0	4	3	3.6	400000	20	8	Yes	-40 to +85	TSSOP16

高速数据复用器/解复用器

Part Number	Status	Rating	Function	Type	Speed (Mbits/s)	Number Of Channels	Supply Voltage (Max) (V)	Supply Voltage (Min) (V)	Ron (typ) (mΩ)	Input/Output Voltage (Min) (V)	Input/Output Voltage (Max) (V)	Configuration	Operating Temperature Range (°C)	Package
TPD160221	Production	Industrial	Type-C,USB 3.0,DP1.4,PCIe 4.0.	Passive mux	16000	2	3.6	3	7500	0	VCC	2:1 SPDT	-40 to 125	QFN2.5X4.5-20

隔离产品

数字隔离器

Part Number	Status	Rating	Forward/Reverse Channels	Isolation Rating (Vrms)	Surge Voltage Capability (Vpk)	CMTI (kV/μs) (Static)	CMTI (kV/μs) (Dynamic)	Max Data Rate (Mbps)	Default Output	Package
TPT7710	Production	Industrial	1/0	5000	10000	200	150	150	High	SOP8,WSOP16,WSOP8
TPT7710F	Production	Industrial	1/0	5000	10000	200	150	150	Low	SOP8,WSOP16,WSOP8
TPT7720	Production	Industrial	2/0	5000	10000	200	150	150	High	SOP8,WSOP16,WSOP8
TPT7720F	Production	Industrial	2/0	5000	10000	200	150	150	Low	SOP8,WSOP16,WSOP8
TPT7721	Production	Industrial	1/1	5000	10000	200	150	150	High	SOP8,WSOP16,WSOP8
TPT7721F	Production	Industrial	1/1	5000	10000	200	150	150	Low	SOP8,WSOP16,WSOP8
TPT7722E	Production	Industrial	1/1	5000	10000	200	150	150	High	SOP8
TPT7722FE	Production	Industrial	1/1	5000	10000	200	150	150	Low	SOP8
TPT7731	Production	Industrial	2/1	5000	10000	200	150	150	High	SOP16
TPT7740	Production	Industrial	4/0	5000	10000	200	150	150	High	QSOP16,SOP16,WSOP16
TPT7740F	Production	Industrial	4/0	5000	10000	200	150	150	Low	QSOP16,SOP16,WSOP16
TPT7741	Production	Industrial	3/1	5000	10000	200	150	150	High	QSOP16,SOP16,WSOP16
TPT7741F	Production	Industrial	3/1	5000	10000	200	150	150	Low	QSOP16,SOP16,WSOP16
TPT7742	Production	Industrial	2/2	5000	10000	200	150	150	High	QSOP16,SOP16,WSOP16
TPT7742F	Production	Industrial	2/2	5000	10000	200	150	150	Low	QSOP16,SOP16,WSOP16

隔离电源

Part Number	Status	Rating	VIN (V)	Max Output Current (A)	Topology	Regulation	Switching Frequency (kHz)	Output (V)	Temperature Range (°C)	Package
TPM6501	Production	Industrial	2.5~25	1	Push-pull	Open-loop	420, 2200	/	-40 to +125	SOT23-5
TPM6501Q	Production	Automotive	2.5~25	1	Push-pull	Open-loop	420, 2200	/	-40 to +125	SOT23-5
TPM6505	Production	Industrial	2.5~25	1	Push-pull	Open-loop	160, 420, 2200	/	-40 to +125	SOT23-6
TPM6505Q	Production	Automotive	2.5~25	1	Push-pull	Open-loop	160, 420, 2200	/	-40 to +125	SOT23-6
TPP38002	Production	Industrial	4.5~36	2	Isolated-Buck	PSR	500	/	-40 to +125	EVM,TSOT23-6
TPP38003	Production	Industrial	4.5~36	3	Isolated-Buck	PSR	400	/	-40 to +125	TSOT23-6
TPQ5180	Production	Industrial	4.5~75	1.5	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8
TPQ5180Q	Production	Automotive	4.5~75	1.5	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8
TPQ5181Q	Production	Automotive	4.5~60	2.1	Flyback	QR PSR	12kHz ~ 350kHz	/	-40 to +125	DFN4X4-8

隔离 RS485

Part Number	Status	Rating	Isolation Rating (Vrms)	Surge Voltage Capability (Vpk)	CMTI (kV/μs) (Static)	CMTI (kV/μs) (Dynamic)	Max Data Rate (Mbps)	Mode	Package
TPT7481	Production	Industrial	5000	10000	200	150	20	Half/Full Duplex	WSOP16, WSOP8
TPT7482	Production	Industrial	5000	10000	200	150	20	Half/Full Duplex	WSOP16, WSOP8
TPT7487	Production	Industrial	5000	10000	200	150	0.5	Half/Full Duplex	WSOP16, WSOP8
TPT7488	Production	Industrial	5000	10000	200	150	0.5	Half/Full Duplex	WSOP16, WSOP8

隔离 CAN

Part Number	Status	Rating	Isolation Rating (Vrms)	Surge Voltage Capability (Vpk)	CMTI (kV/μs) (Static)	CMTI (kV/μs) (Dynamic)	Max Data Rate (Mbps)	Bus Fault Protection Voltage	Package
TPT71044	Production	Industrial	5000	10000	200	150	5	42V	SMP8,WSOP16,WSOP8
TPT71050	Production	Industrial	5000	10000	200	150	5	42V	SMP8,WSOP16

隔离 I2C

Part Number	Status	Rating	Isolation Rating (V rms)	Surge Voltage Capability (Vpk)	CMTI (kV/μs) (Static)	CMTI (kV/μs) (Dynamic)	Max Data Rate (Mbps)	Clock Direction	Package
TPT72616	Production	Industrial	3750	10000	200	150	1	Unidirection	SOP8
TPT72617	Production	Industrial	3750	10000	200	150	1	Bidirection	SOP8

隔离放大器和调制器

Part Number	Status	Rating	Product Family	Input Voltage Range (V)	Insulation Rating (Vrms)	Package	Features
TPA8000	Production	Industrial	Isolated Amplifer	0.25	5000	WSOP8, SMP8	G = 8, Differential Output
TPA8001	Production	Industrial	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output
TPA8003	Production	Industrial	Isolated Amplifer	2.2	5000	WSOP8	G = 1, Differential Output
TPA8023	Production	Industrial	Isolated Amplifer	2.25	5000	WSOP8, SOP8	G = 1, Single End Output
TPA8101	Production	Industrial	Isolated Modulator	0.25	5000	WSOP8, WSOP16, TSSOP8	Clock In
TPA8102	Preview	Industrial	Isolated Modulator	0.05	5000	WSOP8	Clock In

隔离栅极驱动

Part Number	Status	Rating	Isolation Rating (Vrms)	Channel	Input	Peak Output Current (A)	Features	Output Voltage Max (V)	Output Voltage Min (V)	Propagation Delay (ns)	Junction Temperature Range (°C)	Package
TPM23513	Production	Industrial	5700	1	Opto-coupler Compatible	4.5/5	Opto-coupler compatible input	40	14	60	-40 to +150	EVM,WSOP6
TPM23513B	Production	Industrial	5700	1	Opto-coupler Compatible	4.5/5	Opto-coupler compatible input, 8V UVLO	40	10	60	-40 to +150	WSOP6
TPM23514	Production	Industrial	5700	1	Opto-coupler Compatible	5/5	Opto-coupler compatible input, Miller Clamp	40	14	60	-40 to +150	WSOP8
TPM5350BM	Sample	Industrial	5700	1	TTL/CMOS	5/5	8V UVLO, Miller Clamp	40	10	40	-40 to +150	WSOP8
TPM5350BMQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	8V UVLO, Miller Clamp	40	10	40	-40 to +150	WSOP8
TPM5350BSQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	8V UVLO, Split Gate	40	10	40	-40 to +150	WSOP8
TPM5350M	Pre-Releasing	Industrial	5700	1	TTL/CMOS	5/5	12 V UVLO, Miller Clamp	40	14	40	-40 to +150	WSOP8
TPM5350MQ	Sample	Automotive	5700	1	TTL/CMOS	5/5	12 V UVLO, Miller Clamp	40	14	40	-40 to +150	WSOP8
TPM5350S	Pre-Releasing	Industrial	5700	1	TTL/CMOS	5/5	12 V UVLO, Split Gate	40	14	40	-40 to +150	WSOP8
TPM21520	Pre-Releasing	Industrial	5700	2	TTL/CMOS	4.2/7.8	12 V UVLO	30	13.5	30	-40 to +150	WSOP16
TPM215201	Sample	Industrial	5700	2	TTL/CMOS	4.2/7.8	8 V UVLO	30	9.2	30	-40 to +150	WSOP16
TPM21502	Sample	Industrial	5700	2	TTL/CMOS	4.2/7.8	5 V UVLO	30	6.5	30	-40 to +150	WSOP16
TPM81530M	Pre-Releasing	Industrial	5700	2	TTL/CMOS	4.2/7.8	12 V UVLO, Miller Clamp	30	13.5	30	-40 to +150	WSOP20

线性稳压器与基准

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低压 LDO

Part Number	Status	Rating	Minimum Input Voltage (V)	Maximum Input Voltage (V)	Output Voltage (V)	Accuracy (max)	Maximum Output Current (mA)	Iq (typ) (mA)	Dropout (typ) (mV)	PSRR @ 1kHz (dB)	Noise (μVRMS)	Temperature Range (°C)	Package	Feature
TPL5031	Production	Industrial	1.5	5.5	Fixed (0.8, 1.2, 1.5, 1.8, 2.5, 2.8, 3.3)	±2%	300	0.055	250	70	178	-40 to +125	SOT23-5	/
TPL51200	Production	Industrial	2.375	5.5	Adjustable (REFIN)	±25mV	±3000	0.8	/	/	/	-40 to +125	DFN3X3-10	/
TPL51200-S	Production	Industrial	2.375	5.5	Adjustable (REFIN)	±25mV	±3000	0.8	/	/	/	-40 to +125	DFN3X3-10	/
TPL51201-S	Production	Industrial	2.375	5.5	Adjustable (REFIN)	±25mV	±3000	0.8	/	/	/	-40 to +125	DFN3X3-10	/
TPL51206	Production	Industrial	3	5.5	Adjustable (50% of REFIN)	±40mV	±2000	0.89	/	/	/	-40 to +125	DFN2X2-10	/
TPL6305	Production	Industrial	1.4	6.5	Adjustable (0.5 to 5.2)	±2%	3000	5	145	63	24	-40 to +125	ESOP8	/
TPL6305-S	Production	Industrial	1.4	6.5	Adjustable (0.5 to 5.2)	±2%	3000	5	145	63	24	-40 to +125	ESOP8	/
TPL710	Production	Industrial	2.4	6	Fixed (1.0, 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3)	±3%	200	0.0014	170	54	90	-40 to +125	DFN1X1-4,SOT23-3,SOT23-5,SOT89-3	/
TPL720	Production	Industrial	2.4	6	Fixed (1.0, 1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3)	±3%	400	0.0014	350	54	90	-40 to +125	SOT23-3,SOT23-5,SOT89-3	/
TPL730	Production	Industrial	2.4	5.5	Fixed (1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3), Adjustable (0.8 to 5)	±2%	300	0.049	200	60	40	-40 to +125	DFN1X1-4,SOT23-5,SOT353	/
TPL740	Production	Industrial	2.4	5.5	Fixed (1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3), Adjustable (0.8 to 5)	±2%	500	0.049	200	60	40	-40 to +125	DFN1X1-4,SOT23-5,SOT89-3	/
TPL9032	Production	Industrial	1.75	5.5	Fixed (1.2, 1.5, 1.8, 1.875, 2.5, 2.8, 2.85, 2.9, 3.0, 3.1, 3.3, 3.6, 4.5)	±2%	300	0.12	80	81.9	8.6	-40 to +125	DFN1X1-4,SOT23-5,WLCSP	/
TPL9052	Production	Industrial	1.75	5.5	Fixed (1.2, 1.8, 3.3)	±2%	500	0.12	150	82	8.6	-40 to +125	DFN1X1-4,SOT23-5	/
TPL9052-S	Production	Industrial	1.75	5.5	Fixed (1.2, 1.5, 1.8, 2.5, 2.8, 3.0, 3.3, 3.6)	±2%	500	0.12	150	82	8.6	-40 to +125	SOT23-5	AEC-Q100 Qualified
TPL9053	Production	Industrial	1.7	5.5	Adjustable (0.6 to 5.3)	±1.5%	500	0.13	150	89	5.7	-40 to +125	DFN2X2-8	/
TPL9053-S	Production	Industrial	1.7	5.5	Adjustable (0.6 to 5.3)	±1.5%	500	0.13	150	89	5.7	-40 to +125	DFN2X2-8	/
TPL910A	Production	Industrial	2.2	6.5	Adjustable (0.8 to 6)	±2%	1000	0.13	150	80	4.5	-40 to +125	DFN3X3-8	/
TPL910A-S	Production	Industrial	2.2	6.5	Adjustable (0.8 to 6)	±2%	1000	0.13	150	80	4.5	-40 to +125	DFN3X3-8	/
TPL910Q	Production	Automotive	2.2	6.5	Adjustable (0.8 to 5)	±2%	1000	0.13	150	78	4.9	-40 to +150	DFN3X3-8	/
TPL9208-S	Production	Industrial	1.1	6.5	Adjustable (0.8 to 5.2)	±1%	2000	5	80	72	3.3	-40 to +125	DFN2.5X2.5-10,QFN5X5-20	/
TPL9218-S	Production	Industrial	1.4	6.5	Adjustable (0.8 to 5.2)	±1%	2000	5	80	70	6	-40 to +125	DFN2.5X2.5-10	/
TPL9305-S	Production	Industrial	1.1	6.5	Adjustable (0.5 to 5.2)	±1%	3000	5	120	65	4	-40 to +125	QFN3.5X3.5-20	/
TPL9308-S	Production	Industrial	1.1	6.5	Adjustable (0.8 to 5.2)	±1%	3000	5	120	65	4	-40 to +125	QFN3.5X3.5-20	/

高压 LDO

Part Number	Status	Rating	Minimum Input Voltage (V)	Maximum Input Voltage (V)	Output Voltage (V)	Accuracy (max)	Maximum Output Current (mA)	Iq (mA)	Dropout (mV)	PSRR (dB)	Noise (μVRMS)	Temperature Range (°C)	Package
TPL5080	Production	Industrial	2.7	16	Fixed (3.3, 5)	±2%	800	0.8	320	50	0.003%VOUT	-40 to +125	SOT223-3
TPL8020	Production	Industrial	6	24	Fixed (5)	±2%	200	0.0042	720	60	182	-40 to +125	SOT23-5
TPL8031	Production	Industrial	3	40	Fixed (3.3, 5)	±2%	300	0.003	440	65	/	-40 to +150	SOT223-3,SOT23-5,SOT89-3
TPL8031Q	Production	Automotive	3	42	Fixed (3.3, 5)	±2.5%	300	0.003	440	65	/	-40 to +150	DFN3X3-8,EMSOP8,SOT223-3
TPL8032	Production	Industrial	2.5	20	Fixed (3.3, 5), Adjustable (1.22 to 18)	±2%	300	0.098	375	79	5.68	-40 to +125	SOT23-5
TPL8032Q	Production	Automotive	2.5	20	Adjustable (1.22 to 18)	±2%	300	0.096	375	96	5.2	-40 to +150	ESOP8
TPL8032-S	Production	Industrial	2.5	20	Fixed (1.8, 3.3, 5), Adjustable (1.22 to 18)	±2%	300	0.098	375	79	5.68	-40 to +125	SOT23-5
TPL8033	Production	Industrial	2.5	20	Adjustable (1.2 to 15)	±2%	200	2.2	250	110	1	-40 to +125	DFN3X3-10
TPL8034Q	Production	Automotive	3	42	Fixed (3.3, 5)	±2%	300	0.003	440	65	/	-40 to +150	EMSOP8
TPL8035Q	Production	Automotive	3	42	Fixed (3.3, 5)	±2%	300	0.003	440	65	/	-40 to +150	DFN3X3-8,EMSOP8
TPL810	Production	Industrial	3.6	24	Fixed (2.8, 3, 3.3, 5), Adjustable (1.2 to 15)	±2%	180	0.002	800	65	70	-40 to +125	SOT23-3,SOT23-5,SOT89-3
TPL8151	Production	Industrial	2.75	29	Adjustable (1.25 to 25)	±2%	1500	0.075	1300	72	17.5	-40 to +125	DFN4X4-8
TPL8151Q	Production	Automotive	2.75	29	Adjustable (1.25 to 25)	±2%	1500	0.075	1300	72	17.5	-40 to +150	ESOP8
TPL8151-S	Production	Industrial	2.75	29	Adjustable (1.25 to 25)	±2%	1500	0.075	1300	72	17.5	-40 to +125	DFN4X4-8
TPL820	Production	Industrial	3.6	42	Fixed (2.8, 3, 3.3, 5)	±2%	180	0.002	720	65	70	-40 to +125	SOT223-3,SOT23-3,SOT23-5,SOT89-3
TPL8536Q	Production	Automotive	4	42	Fixed (3.3, 5)	±2%	300	0.006	260	50	/	-40 to +150	ETSSOP16
TPL8556Q	Production	Automotive	4	42	Fixed (3.3, 5)	±2%	500	0.006	440	50	/	-40 to +150	ETSSOP28
TPL8601Q	Production	Automotive	3.5	42	Adjustable (1.5 to 18)	±4mV	150	0.05	270	65	80	-40 to +125	ESOP8
TPL8602FQ	Production	Automotive	3.5	42	Adjustable (1.5 to 18)	±4mV	250	0.05	270	65	80	-40 to +125	ESOP8
TPL8772Q	Production	Automotive	4.5	42	ADJ (1.5 to 20)	±2%	300	0.43	900	80	350	-40 to +150	ETSSOP16
TPL8771Q	Production	Automotive	4.5	42	ADJ (1.5 to 20)	±2%	300	0.43	900	80	350	-40 to +125	ETSSOP16

并联型电压基准

Part Number	Status	Rating	Output Voltage	Isink (min) (mA)	Isink (max) (mA)	Accuracy	TC (ppm/°C)	10 to 10kHz Voltage Noise (μVrms)	Output Capacitor Load (μF)	Package	Feature
TPR431	Production	Industrial	Adjustable (VREF to 36)	1	80	0.005	50	/	/	SOT23G-3	/
TPR432	Production	Industrial	Adjustable (VREF to 36)	1	80	0.005	50	/	/	SOT23G-3	/

并联型电压基准

Part Number	Status	Rating	Output Voltage	Isink (min) (mA)	Isink (max) (mA)	Accuracy	TC (ppm/°C)	10 to 10kHz Voltage Noise (μVrms)	Output Capacitor Load (μF)	Package	Feature
TPR433-S	Production	Industrial	Adjustable (VREF to 36)	0.6	80	0.005	50	/	/	SOT23G-3	/
TPR434-S	Production	Industrial	Adjustable (VREF to 36)	0.6	80	0.005	50	/	/	SOT23G-3	/
TPR6040	Production	Industrial	Fixed (2.048, 2.5, 3.0, 3.3, 4.096, 5.0)	0.15	15	0.002	50	90	Any Load	SOT23G-3	/
TPR433BQ-S	Production	Automotive	Adjustable (VREF to 36)	1	80	0.005	50	/	/	SOT23G-3	/

串联型电压基准

Part Number	Status	Rating	Vin (min) (V)	Vin (max) (V)	Output Voltage	Iq (max) (μA)	Accuracy (max)	TC (-40 to 85°C) (ppm/°C)	TC (-40 to 125°C) (ppm/°C)	0.1 to 10Hz Output Voltage Noise (uVpp)	Line Regulation (max) (ppm/V)	Load Regulation (max) (ppm/mA)	Output Capacitor Load (μF)	Package	Feature
TPR31-S	Production	Industrial	max (Ver+0.2, 3)	15	Fixed (1.25, 2.048, 2.5, 3.0, 3.3, 4.096, 4.5, 5.0)	1000	0.05%	5	10	7.5	20	20	0.1 to 100	SOT23-5	/
TPR33	Production	Industrial	max (Ver+0.05, 2.1)	5.5	Fixed (1.25, 2.048, 2.5, 3.0, 3.3, 4.096)	180	0.0015	20	30	50	50	20	0.1 to 10	SOT23G-3	/
TPR33-S	Production	Industrial	max (Ver+0.05, 2.1)	5.5	Fixed (1.25, 2.048, 2.5, 3.0, 3.3, 4.096)	180	0.0015	20	30	50	50	20	0.1 to 10	QFN1.5X1.5-8,SOT23G-3	AEC-Q100 Qualified
TPR35	Production	Industrial	max (Ver+0.05, 2.1)	5.5	Fixed (1.25, 2.048, 2.5, 3.0, 3.3, 4.096)	210	0.002	30	50	50	50	20	0.1 to 10	SOT23G-3	/
TPR50	Production	Industrial	max (Ver+0.2, 3)	15	Fixed (1.25, 2.048, 2.5, 3.0, 3.3, 4.096, 4.5, 5.0)	1000	0.0005	3	6	7.5	20	20	0.1 to 100	MSOP8,SOP8	/
TPR70	Production	Industrial	max (Ver+0.2, 7.5)	15	Fixed (2.5, 4.096, 5.0, 10)	1700	0.0005	5	3	2.5	5	20	0.1 to 100	SOP8	/

电源开关

电子保险丝

Part Number	Status	Rating	Channel	Minimum Operating voltage (V)	Maximum Operating voltage (V)	Ron (typ) (mΩ)	Current Limit Type	Minimum Current Limit (mA)	Maximum Current Limit (mA)	Current Limit Accuracy	Current Sense Accuracy	Temperature Range (°C)	Package
TPS05P50	Production	Industrial	1	4.5	5.5	27	Adjustable	2000	5000	±15%	/	-40 to +125	DFN3X3-10
TPS14P50	Production	Industrial	1	4.5	14	27	Adjustable	2000	5000	±15%	-	-40 to +125	DFN3X3-10,EVM
TPS60C01Q	pre-release	automotive	1	6	52	/	Adjustable	/	/	/	/	-40 to +125	QFN5*5-32

理想二极管|ORing 控制器

Part Number	Status	Rating	Channel	Minimum Operating voltage (V)	Maximum Operating voltage (V)	Typical Iq (μA)	Maximum Iq (μA)	Typical IGATE Source (μA)	Minimum IGATE Source (μA)	Typical IGATE Sink (mA)	Minimum IGATE Sink (mA)	Temperature Range (°C)	Package
TPS65R01Q	Production	Automotive	1	4	60	60	100	13000	3000	2370	/	-40 to +125	SOT23-6
TPS75R01	Production	industrial	1	5	75	283	400	32	25	1900	/	-40 to +125	SOT23-6

高边开关

Part Number	Status	Rating	Channel	operating voltage min	operating voltage max	Rdson	typical Iq	Max Iq	Max Iout	Current limit type	max current limit	temp range
TPS42S40Q	Pre-release	automotive	1	4	40	100	/	5000	4	adjustable	13	-40 to 125
TPS42Q20Q	Pre-release	automotive	4	4	40	160	/	5000	2.5	adjustable	8.5	-40 to 125

负载开关

Part Number	Status	Rating	Channel	Vin(min)	Vin(max)	I _{max}	Rdson	Shutdown Current	Quiescent Current	Soft Start	Package	Feature
TPS05S60	Production	industrial	1	2.5	5.5	6	13	1.27	230	Y	DFN3*3-10	Build-in SS & Inrush control, reverse current protection

电源监控

电源时序控制

Part Number	Status	Rating	VCC (V)	Timing Control	Power-up Sequence Control	Power-down Sequence Control	Open-Drain Output	Output Voltage (V)	Channels	Junction Temperature Range (°C)	Package
TPK1032	Production	Industrial	2.7 ~ 5.5	11ms, 30ms, 60ms, 120ms, 2ms, 16ms	FLAG1->FLAG2->FLAG3	FLAG3->FLAG2->FLAG1	Yes	0 ~ VCC	3	-40 to +125	SOT23-3
TPK1031	Production	Industrial	2.7 ~ 5.5	Adjustable	FLAG1->FLAG2->FLAG3	FLAG3->FLAG2->FLAG1	Yes	0 ~ VCC	3	-40 to +125	MSOP8
TPK1034	Production	Industrial	2V~5V	Adjustable	Flexible	Flexible		0 ~ VCC	4	-40 to +125	QFN3.5x3.5-20

复位芯片

Part Number	Status	Rating	Power Consumption (μA)	Power Supervisor	Manual Reset Input	Reset Timeout Period (mS)	Reset Output Polarity	Temperature Range (°C)	Package
TPV708	Production	Industrial	2.2	Yes	Yes	200	Low Active and High Active	-40 to +125	SOP8
TPV803	Production	Industrial	2.2	Yes	/	200	Low Active	-40 to +125	SOT23-3,SOT23G-3
TPV809	Production	Industrial	2.2	Yes	/	200	Low Active	-40 to +125	SOT23-3,SOT23G-3
TPV810	Production	Industrial	2.2	Yes	/	200	High Active	-40 to +125	SOT23G-3
TPV811	Production	Industrial	2.2	Yes	Yes	200	Low Active	-40 to +125	SOT143-4
TPV821	Production	Industrial	2.2	Yes	Yes	200	Low Active	-40 to +125	SOT143-4
TPV8308	Production	Industrial	0.6	Yes	Yes	Programmable	Low Active or High Active	-40 to +125	SOT23-6
TPV8318	Production	Industrial	0.8	Yes	Yes	Programmable	Low Active	-40 to +125	SOT23-5
TPV8348	Production	Industrial	0.4	Yes	Yes	Programmable	Low Active or High Active	-40 to +125	DFN1.5X1-6
TPV8368Q	Production	Automotive	2	Yes	Yes	Programmable	Low Active	-40 to +125	SOT23-5,SOT23-6

集成看门狗的复位芯片

Part Number	Status	Rating	Power Consumption (μA)	Power Supervisor	Manual Reset Input	Watchdog	Power Fail Input (PFI)	Reset Timeout Period (mS)	Watchdog Timeout Period (S)	Reset Output Polarity	Reset Output Type	Temperature Range (°C)	Package
TPV6820Q	Production	Automotive	6	Yes	Yes	Yes	No	5ms	200ms	Low Active	Open Drain	-40 to 125	SOT23-5
TPV6823	Production	Industrial	2.2	Yes	Yes	Yes	/	200	1.6	Low Active	Push-Pull	-40 to +125	SOT23-5
TPV6823Q	Production	Automotive	6	Yes	Yes	Yes	No	200ms	1.6s	Low Active	Open Drain	-40 to 125	SOT23-5
TPV706	Production	Industrial	2.2	Yes	Yes	Yes	Yes	200	1.6	Low Active	Push-Pull	-40 to +125	SOP8
TPV710Q	Production	Automotive	6	No	No	Yes	No	96, 75, 200	0.1, 0.6, 1.6, 6.4	Low Active	Open Drain	-40 to 125	SOT23-5

逻辑和电平转换器

自动方向

Part Number	Status	Rating	Channel	Technology Family	Supply Range (V)	Input Type	Output Type	DC Drive Strength (mA)	Operating Temperature Range (°C)	Package
TPT20104	Production	Industrial	4	TXS	1.65-3.6/1.65-5.5	Transition Gate	Push-pull output/Open drain	1	-40 to +125	QFN3.5X3.5-14,TSSOP14
TPT20104Q	Production	Automotive	4	TXS	1.65-3.6/1.65-5.5	Transition Gate	Push-pull output/Open drain	1	-40 to +125	TSSOP14
TPT20204	Production	Industrial	4	TXB	1.65-3.6/1.65-5.5	CMOS	Push-pull output	1	-40 to +125	QFN1.7X2-12
TPT20108	Production	Industrial	8	TXS	1.65-3.6/1.65-5.5	Transition Gate	Push-pull output/Open drain	1	-40 to +125	QFN3.5X4.5-20,TSSOP20
TPT20108Q	Production	Automotive	8	TXS	1.65-3.6/1.65-5.5	Transition Gate	Push-pull output/Open drain	1	-40 to +125	TSSOP20

BMS-电池保护芯片

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1 节-检测 MOS

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short- circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Overcharge Detection Delay Time(mS)	Overdischarge Detection Delay Time(mS)	Discharge Overcurrent Detection Delay Time(mS)	Charge Overcurrent Detection Delay Time(mS)	Load Short circuiting Detection Delay Time(mS)	0V Battery Charging Function	Sleep Function	Package
CM1003-CED	Production	Industrial	4.55	4.35	2.5	2.7	0.06	0.19	-0.06	1000	64	16	16	280	Enable	Y	DFN1.9*1.6-6L
CM1003-CHE	Production	Industrial	4.6	4.35	2.6	2.6	0.05	0.25	-0.05	1000	64	32	16	280	Enable	Y	DFN1.2*1.2-6L
CM1003-CKD	Production	Industrial	4.495	4.295	2.52	2.7	0.045	0.135	-0.045	1000	32	16	16	280	Enable	Y	DFN1.9*1.6-6L
CM1003-CLD	Production	Industrial	4.55	4.25	2.33	2.5	0.075	0.25	-0.055	1000	64	32	32	530	Disable	N	DFN1.9*1.6-6L
CM1003-CLE	Production	Industrial	4.625	4.425	2.5	2.5	0.05	0.097	-0.045	1000	128	32	32	280	Disable	Y	DFN1.2*1.2-6L
CM1003-CME	Production	Industrial	4.655	4.455	2.7	2.7	0.05	0.097	-0.06	1000	128	32	32	280	Disable	Y	DFN1.2*1.2-6L
CM1003-CNE	Production	Industrial	4.655	4.455	2.7	2.7	0.035	0.08	-0.035	1000	128	32	32	280	Disable	Y	DFN1.2*1.2-6L
CM1003-CRD	Production	Industrial	4.425	4.225	2.51	3	0.175	0.52	-0.13	1000	32	16	16	280	Enable	Y	DFN1.9*1.6-6L
CM1003-CWD	Production	Industrial	4.475	4.275	2.5	2.9	0.13	0.31	-0.1	1000	32	16	16	280	Enable	Y	DFN1.9*1.6-6L
CM1003-DAD	Production	Industrial	4.475	4.275	2.8	3	0.05	0.14	-0.05	1000	64	16	16	280	Disable	Y	DFN1.9*1.6-6L
CM1003-DBD	Production	Industrial	4.555	4.355	2.49	2.9	0.085	0.22	-0.08	1000	64	32	32	280	Disable	N	DFN1.9*1.6-6L
CM1003-DHD	Production	Industrial	4.5	4.3	2.5	2.9	0.1	0.25	-0.1	1000	32	16	16	280	Enable	N	DFN1.9*1.6-6L
CM1003-DMD	Production	Industrial	4.475	4.275	2.5	2.9	0.045	0.135	-0.045	1000	64	32	32	280	Enable	N	DFN1.9*1.6-6L
CM1003-DSD	Production	Industrial	4.425	4.225	2.82	3	0.13	0.4	-0.13	1000	128	16	16	280	Enable	N	DFN1.9*1.6-6L
CM1003-GBD	Production	Industrial	4.275	4.075	2.8	3	0.15	0.5	-0.15	1000	64	16	16	280	Disable	Y	DFN1.9*1.6-6L
CM1003-GDD	Production	Industrial	4.475	4.275	2.55	2.8	0.13	0.25	-0.13	1000	32	16	16	280	Disable	N	DFN1.9*1.6-6L
CM1003-LCD	Production	Industrial	4.475	4.275	2.5	3	0.1	0.35	-0.1	1000	128	8	8	280	Enable	N	DFN1.9*1.6-6L
CM1003-S02BD	Production	Industrial	4.28	4.08	3	3	0.08	0.5	-0.1	1000	128	8	8	280	Enable	Y	SOT23-6
CM1003-S07EA	Production	Industrial	4.425	4.225	2.5	2.9	0.175	0.5	-0.15	1000	128	16	16	280	Disable	N	SOT23-6
CM1003-S08CD	Production	Industrial	4.325	4.125	2.5	2.8	0.15	0.5	-0.1	1000	128	16	16	280	Enable	Y	SOT23-6
CM1003-S10ED	Production	Industrial	4.28	4.18	3	3	0.18	0.5	-0.15	1000	128	16	8	280	Enable	Y	SOT23-6
CM1003-S11ED	Production	Industrial	4.4	4.35	3	3.2	0.25	0.5	-0.2	1000	128	16	8	280	Enable	Y	SOT23-6
CM1003-S13CC	Production	Industrial	4.25	4.2	2.8	3	0.15	0.5	-0.1	1000	128	16	16	280	Enable	N	SOT23-6
CM1003-SBD	Production	Industrial	4.475	4.275	2.76	3	0.15	0.5	-0.15	1000	32	8	8	280	Disable	N	SOT23-6
CM1003-SBE	Production	Industrial	4.17	3.97	2.5	2.9	0.15	0.5	-0.15	1000	32	8	8	280	Disable	N	SOT23-6
CM1003-SBR	Production	Industrial	4.275	4.075	2.5	2.9	0.08	0.2	-0.08	1000	128	8	8	280	Disable	Y	SOT23-6
CM1003-SCF	Production	Industrial	4.425	4.225	2.3	2.5	0.25	0.5	-0.1	1000	128	16	16	280	Enable	N	SOT23-6
CM1003-SCG	Production	Industrial	4.325	4.125	2.5	2.8	0.15	0.5	-0.1	1000	128	16	16	280	Disable	Y	SOT23-6
CM1003-SDZ	Production	Industrial	4.275	4.075	2.5	2.9	0.15	0.5	-0.15	1000	128	8	8	280	Enable	N	SOT23-6

1 节-检测 MOS

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short- circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Overcharge Detection Delay Time(mS)	Overdischarge Detection Delay Time(mS)	Discharge Overcurrent Detection Delay Time(mS)	Charge Overcurrent Detection Delay Time(mS)	Load Short circuiting Detection Delay Time(mS)	0V Battery Charging Function	Sleep Function	Package
CM1003-WAD	Production	Industrial	4.425	4.225	2.8	3	0.05	0.14	-0.05	1000	64	16	16	280	Disable	Y	DFN1.9*1.6-6L
CM1003-Z	Production	Industrial	4.275	4.075	2.5	2.9	0.15	0.5	-0.15	1000	128	8	8	280	Disable	N	SOT23-6

1 节-检测 Rsense

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short- circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Overcharge Detection Delay Time(mS)	Overdischarge Detection Delay Time(mS)	Discharge Overcurrent Detection Delay Time(mS)	Charge Overcurrent Detection Delay Time(mS)	Load Short circuiting Detection Delay Time(mS)	0V Battery Charging Function	Sleep Function	Package
CM1004-BCD	Production	Industrial	4.525	4.375	2.35	2.55	0.0105	0.041	-0.015	1024	64	3584	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-BDD	Production	Industrial	4.575	4.375	2.1	2.3	0.0105	0.041	-0.018	1024	64	3584	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-BJD	Production	Industrial	4.425	4.225	2.36	2.56	0.011	0.04	-0.016	1024	64	3584	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-BKD	Production	Industrial	4.53	4.33	2.35	2.55	0.021	0.082	-0.024	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-BLD	Production	Industrial	4.57	4.37	2.08	2.3	0.021	0.082	-0.03	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-BMD	Production	Industrial	4.475	4.275	2.5	2.9	0.021	0.062	-0.027	1024	64	128	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-BND	Production	Industrial	4.52	4.32	2.1	2.3	0.021	0.082	-0.03	1024	64	256	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-BSD	Production	Industrial	4.58	4.43	2.3	2.5	0.015	0.04	-0.02	1024	64	3072	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-CCD	Production	Industrial	4.58	4.38	2.35	2.55	0.0105	0.036	-0.017	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-CDD	Production	Industrial	4.6	4.4	2.1	2.3	0.0105	0.036	-0.019	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-CMD	Production	Industrial	4.475	4.275	2.5	2.9	0.021	0.062	-0.027	1024	64	128	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-CPD	Production	Industrial	4.495	4.295	2.48	2.9	0.014	0.04	-0.015	1024	64	64	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-CQD	Production	Industrial	4.54	4.34	2.3	2.5	0.014	0.05	-0.015	1024	64	128	64	280	Disable	N	DFN1.9*1.6-6L
CM1004-CRD	Production	Industrial	4.555	4.405	2.59	2.8	0.015	0.04	-0.02	1024	64	3072	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-CSD	Production	Industrial	4.58	4.43	2.3	2.5	0.015	0.04	-0.02	1024	64	3072	16	280	Disable	N	DFN1.9*1.6-6L
CM1004-CTD	Production	Industrial	4.53	4.33	2.35	2.55	0.007	0.027	-0.012	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-CUD	Production	Industrial	4.55	4.35	2.12	2.31	0.007	0.027	-0.014	1024	64	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-ECD	Production	Industrial	4.6	4.4	2.5	2.7	0.0105	0.036	-0.017	1024	128	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1004-EDD	Production	Industrial	4.62	4.42	2.3	2.5	0.0105	0.036	-0.019	1024	128	3584	16	280	Enable	N	DFN1.9*1.6-6L
CM1014-BBD	Production	Industrial	4.58	4.38	2.79	3	0.022	0.06	-0.022	1024	64	16	8	280	Disable	N	DFN1.4*1.4-6L

1 节-复合 IC

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection (A)	Load short- circuiting detection (A)	Charge overcurrent detection (A)	Overcharge Detection Delay Time(mS)	Overdischarge Detection Delay Time(mS)	Discharge Overcurrent Detection Delay Time(mS)	Charge Overcurrent Detection Delay Time(mS)	Load Short circuiting Detection Delay Time(mS)	0V Battery Charging Function	Sleep function	Package
CM1112-DBE	Production	Industrial	4.475	4.275	2.8	3	3.2	9.6	3.4	1000	64	16	16	280	Disable	Y	DFN2.2*2.9-6L
CM1112-FAE	Production	Industrial	4.425	4.225	2.5	3	4.7	15.6	4.7	1000	128	8	8	280	Enable	N	DFN2.2*2.9-6L
CM1112-MAE	Production	Industrial	4.525	4.325	2.8	3	1.6	4.48	1.7	1000	64	16	16	280	Disable	Y	DFN2.2*2.9-6L
CM1112-MAE-PV	Production	Industrial	4.525	4.325	2.8	3	1.6	4.48	1.7	1000	64	16	16	280	Enable	Y	DFN2.2*2.9-6L
CM1112-NAE	Production	Industrial	4.6	4.4	2.64	2.9	3.2	9.6	3.4	1000	64	8	8	280	Enable	Y	DFN2.2*2.9-6L
CM1112-WAE	Production	Industrial	4.425	4.225	2.8	3	1.6	4.48	1.7	1000	64	16	16	280	Disable	Y	DFN2.2*2.9-6L
CM1113-DCC	Production	Industrial	4.5	4.3	2.86	3.05	0.83	8.33	0.83	1000	64	16	16	280	Enable	Y	DFN2*2-6L
CM1115-PC	Production	Industrial	4.555	4.355	2.52	2.52	0.75	2.25	1	1000	32	32	32	280	Enable	Y	DFN1.5*2.0-6L
CM1115-RC	Production	Industrial	4.625	4.425	2.49	2.49	1.08	3.08	1.33	1000	32	32	32	280	Disable	Y	DFN1.5*2.0-6L
CM1126B-DAC	Production	Industrial	4.475	4.275	2.85	3.05	0.45	0.85	0.45	1000	64	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-GAC	Production	Industrial	4.275	4.075	2.72	2.9	0.45	0.85	0.45	1000	64	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-WAC	Production	Industrial	4.425	4.225	2.8	3	0.45	0.85	0.45	1000	64	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-GBC	Production	Industrial	4.275	4.085	2.72	2.9	0.3	0.8	0.5	1000	128	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-WBC	Production	Industrial	4.425	4.235	2.81	2.99	0.3	0.8	0.5	1000	128	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-DBC	Production	Industrial	4.475	4.285	2.84	3.02	0.3	0.8	0.5	1000	128	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-MBC	Production	Industrial	4.525	4.335	2.88	3.06	0.3	0.8	0.5	1000	128	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1126B-HBC	Production	Industrial	4.575	4.385	2.9	3.09	0.3	0.8	0.5	1000	128	10	10	250	Enable	Y	DFN1.0*1.0-4L
CM1141-AAD	Production	Industrial	4.3	4.075	2.4	3.04	18	54	5	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L
CM1141-ABD	Production	Industrial	4.425	4.2	2.4	3	18	54	5	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L
CM1141-ACD	Production	Industrial	4.475	4.25	2.4	3	18	54	5	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L
CM1141-BAD	Production	Industrial	4.3	4.075	2.4	3.04	18	54	13	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L
CM1141-BBD	Production	Industrial	4.425	4.2	2.4	3	18	54	13	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L
CM1141-BCD	Production	Industrial	4.475	4.25	2.4	3	18	54	13	1000	128	10	10	250	Enable	N	DFN3.0*3.0-10L

3~16 节-全功能保护

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short-circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Sleep function	Low voltage charging prohibition function	Temperature protection	Package
CM1048-AT	Production	Industrial	4.225	4.125	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1048-BT	Production	Industrial	4.225	4.125	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16

3~16 节-全功能保护

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short-circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Sleep function	Low voltage charging prohibition function	Temperature protection	Package
CM1048-DT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1048-ET	Production	Industrial	4.25	4.15	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1048-GT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1048-HT	Production	Industrial	3.85	3.75	2	2.5	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1048-LT	Production	Industrial	4.175	4.075	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1048-QT	Production	Industrial	4.425	4.225	2.7	3	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1048-RT	Production	Industrial	4.375	4.175	2.7	3	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1058-DT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1058-ET	Production	Industrial	4.25	4.15	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1058-GT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1332-BAT	Production	Industrial	4.225	4.125	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1332-DAT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1332-GKT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.025	Y	N	Y	TSSOP16
CM1332-RAT	Production	Industrial	4.475	4.375	2.55	3.1	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1341-CAT	Production	Industrial	4.225	4.125	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1341-DAT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1341-FKT	Production	Industrial	4.25	4.15	2.5	3	0.05	0.2	-0.025	Y	N	Y	TSSOP16
CM1341-GAT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1341-HKT	Production	Industrial	3.85	3.75	2.3	2.5	0.05	0.2	-0.025	Y	N	Y	TSSOP16
CM1341-KKT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.05	Y	N	Y	TSSOP16
CM1341-LAT	Production	Industrial	4.175	4.075	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1341-PAT	Production	Industrial	4.3	4.2	2.7	3	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1341-QAT	Production	Industrial	4.425	4.325	2.75	3.05	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1341-RAT	Production	Industrial	4.475	4.375	2.55	3.1	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1341-UAT	Production	Industrial	4.375	4.275	2.7	3	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1341-JAT	Production	Industrial	3.58	3.48	2.25	2.45	0.05	0.2	-0.05	Y	Y	Y	TSSOP16
CM1342-HNT	Production	Industrial	3.95	3.85	1.8	2	0.1	0.5	-0.1	Y	N	Y	TSSOP16
CM1351-DAT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1351-FAT	Production	Industrial	4.25	4.15	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1351-GKT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.025	Y	N	Y	TSSOP16
CM1361-BAT	Production	Industrial	4.225	4.125	2.43	2.9	0.05	0.2	-0.025	Y	Y	Y	TSSOP16

Contact 3PEAK sales for more products information and samples.

3~16 节-全功能保护

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Discharge overcurrent detection voltage(V)	Load short-circuiting detection voltage(V)	Charge overcurrent detection voltage(V)	Sleep function	Low voltage charging prohibition function	Temperature protection	Package
CM1361-DAT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1361-GAT	Production	Industrial	3.65	3.55	2.3	2.5	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1361-HAT	Production	Industrial	4.28	4.18	2.5	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1371-CAT	Production	Industrial	4.225	4.125	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1371-DAT	Production	Industrial	4.25	4.15	2.7	3	0.05	0.2	-0.025	Y	Y	Y	TSSOP16
CM1371-SAT	Production	Industrial	4.28	4.18	2.5	3	0.05	0.2	-0.05	Y	Y	Y	TSSOP16

2~16 节-次级保护

Part Number	Status	Rating	Overcharge detection voltage (V)	Overcharge release voltage(V)	Overcharge Detection Delay Time(S)	Overdischarge detection voltage(V)	Overdischarge release voltage(V)	Overdischarge Detection Delay Time(S)	CO output	DO output	Output logic	Output voltage of High level	open-circuit protection	Output voltage of LDO(V)	Temperature protection	Package
CM1250-BGA-M8A	Production	Industrial	3.8	3.7	2	-	-	-	CMOS	-	Dynamics “H”	VCC	Y	-	N	MSOP8
CM1255-ADH-M8A	Production	Industrial	4.35	4.25	6	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-BAH-M8A	Production	Industrial	4.275	4.175	1	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-BBH-M8A	Production	Industrial	4.25	4.15	1	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-BDH-M8A	Production	Industrial	4.22	4.12	1	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-BEH-M8A	Production	Industrial	4.225	4.125	1	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-BEL-M8A	Production	Industrial	4.225	4.125	1	-	-	-	CMOS	-	Dynamics “L”	VCC	N	-	N	MSOP8
CM1255-CAH-M8A	Production	Industrial	4.3	4.2	1	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-CCH-M8A	Production	Industrial	4.3	4.1	2	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8
CM1255-CDH-M8A	Production	Industrial	4.325	4.025	6	-	-	-	CMOS	-	Dynamics “H”	VCC	N	-	N	MSOP8

电池均衡 IC

Part Number	Status	Rating	Balancing Start-up Voltage(V)	Balancing Recovery Voltage	Balancing Start-up Delay Time(mS)	Standby voltage(V)	Output logic	Package
CM1010-A	Production	Industrial	4.2	4.19	250	2.7	Dynamics “H”	SOT23-6
CM1010-B	Production	Industrial	3.6	3.59	250	2.7	Dynamics “H”	SOT23-6
CM1010-C	Production	Industrial	3.4	3.39	250	2.7	Dynamics “H”	SOT23-6
CM1010-E	Production	Industrial	4.35	4.34	250	2.7	Dynamics “H”	SOT23-6

电池均衡 IC

Part Number	Status	Rating	Balancing Start-up Voltage(V)	Balancing Recovery Voltage	Balancing Start-up Delay Time(mS)	Standby voltage(V)	Output logic	Package
CM1010-F	Production	Industrial	4	3.99	250	2.7	Dynamics “H”	SOT23-6
CM1010-G	Production	Industrial	3.675	3.665	250	2.7	Dynamics “H”	SOT23-6
CM1010-H	Production	Industrial	4.3	4.29	250	2.7	Dynamics “H”	SOT23-6
CM1010-K	Production	Industrial	4.25	4.24	250	2.7	Dynamics “H”	SOT23-6
CM1010-L	Production	Industrial	4.15	4.14	250	2.7	Dynamics “H”	SOT23-6