

放大器产品

高压运算放大器 (Vs > 10V)

Part Number	Status	Rating	Channel	Supply Voltage(Min)	Supply Voltage(Max)	Iq per Channel (Max)(μ A)	GBW (Typ) (MHz)	Slew Rate (Typ)(V/ μ s)	Rail-Rail In	Rail-Rail Out	Ishort(Typ) (mA)	Vos(Max) (mV)	Offset Drift (Typ)(μ V/ $^{\circ}$ C)	Ib (typ)(pA)	Vn (Typ) (nV/ \sqrt Hz)	Peak Noise at 0.1 to 10Hz(μ Vpp)	Shutdown/Disable	Operating Temperature Range($^{\circ}$ C)	Package	Feature
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	SOIC-8, MSOP-8, TSSOP8	/
LM2904A-S	Production	Industrial	2	3	36	300	0.9	0.5	No, to V- only	Yes	25	4	7	60	70	20	/	-40 to 125	SOIC-8, MSOP-8, TSSOP8	AEC-Q100 Qualified
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	SOIC-14, TSSOP-14	/
LM2902A-S	Production	Industrial	4	3	36	300	0.9	0.5	No, to V- only	Yes	25	4	7	60	70	20	/	-40 to 125	SOIC-14, TSSOP-14	AEC-Q100 Qualified
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	/
LM358A	Production	Industrial Commercial	2	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	SOIC-8, MSOP-8, TSSOP8, DFN1.5X1.5-8	/
LM324A	Production	Industrial Commercial	4	3	36	200	0.9	0.5	No, to V- only	Yes	30	3	7	60	70	20	/	-40 to 125	SOIC-14, TSSOP-14	/
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	SOIC-8	/
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	SOIC-8, MSOP-8	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
TP2261	Production	Industrial	1	3	36	1500	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOIC-8, 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	SOIC-8, MSOP-8, TSSOP8 DFN2X2-8, DFN3X3-8	/
TP2264	Production	Industrial	4	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOIC-14, TSSOP-14, QFN3X3-16	/
TP2262-S	Production	Industrial	2	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOIC-8	AEC-Q100 Qualified
TP17	Production	Industrial	1	3	36	2000	6	20	No, to V- only	Yes	32	0.1	1	25	25	12	/	-40 to 125	SOIC-8	/
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	SOIC-8	/
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	SOIC-8, 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	SOIC-8, MSOP-8, DFN3X3-8	/
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	SOIC-14, TSSOP-14	/
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	SOIC-8, 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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	SOIC-8, MSOP-8, 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	SOIC-14, TSSOP-14	/

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高压运算放大器 ($V_s > 10V$)

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)($\mu V/^{\circ}C$)	Ib (typ)(pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz(μV_{pp})	Shutdown/Disable	Operating Temperature Range($^{\circ}C$)	Package	Feature
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	SOIC-8, MSOP-8, TSSOP8	/
TP2584	Production	Industrial	4	3	36	4000	10	8	No, to V- only	Yes	32	3	2	25	35	8	/	-40 to 125	SOIC-14, TSSOP-14	/
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	SOIC-8, 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	SOIC-8, MSOP-8	/
TPA1882Q	Production	Automotive	2	4.5	36	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	SOIC-8, MSOP-8	/
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	SOIC-8, MSOP-8, TSSOP8	/
TPA2671	Preview	Industrial	1	4	36	2.4	10	15	No, to V- only	No	75	3	2	50	38	20	/	-40 to 125	SOT23-5	/
TPA2672	Preview	Industrial	2	4	36	2.4	10	15	No, to V- only	No	75	3	2	50	38	20	/	-40 to 125	SOIC-8, MSOP-8	/
TPA2674	Preview	Industrial	4	4	36	2.4	10	15	No, to V- only	No	75	3	2	50	38	20	/	-40 to 125	SOIC-14, TSSOP-14	/
TPA1831	Preview	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	SOT23-5, SOIC-8	/
TPA1832	Preview	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	SOIC-8	/
TPA1834	Preview	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	SOIC-14, TSSOP-14	/
TPA1811	Preview	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	SOT23-5, SOIC-8	/
TPA1812	Preview	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	SOIC-8, MSOP-8	/

低压运算放大器 ($V_s < 10V$)

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)($\mu V/^{\circ}C$)	Ib (typ)(pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz(μV_{pp})	Shutdown/Disable	Operating Temperature Range($^{\circ}C$)	Package	Feature
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	SOT23-5, DFN1.4x1-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	/
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	SOT23-5, DFN1.4X1-4	/
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	SOIC-8	/

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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	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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, SC70-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	SOIC-14, TSSOP-14	/
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, SC70-5	/
LMV358B	Production	Industrial	2	2.5	5.5	130	1	0.7	Yes	Yes	100	4	2	1	35	8	/	-40 to 125	SOIC-8, MSOP-8, TSSOP8	/
LMV324B	Production	Industrial	4	2.5	5.5	130	1	0.7	Yes	Yes	100	4	2	1	35	8	/	-40 to 125	SOIC-14, TSSOP-14	/
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, SC70-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	SOIC-14, TSSOP-14	/
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, SC70-5	/
TP6002	Production	Industrial	2	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOIC-8, MSOP-8, DFN2X2-8	/
TP6004	Production	Industrial	4	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOIC-14, TSSOP-14	/
LMV358X	Production	Industrial	2	2.5	5.5	160	1.5	0.7	Yes	Yes	90	5	1	1	22	8	/	-40 to 125	SOIC-8, MSOP-8	/
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	SOT23-5, SOIC-8	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	SOT23-5, SOIC-8	/
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	SOIC-8, MSOP-8	/
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	TSSOP-14	/
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, SC70-5	/
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	SOIC-8, MSOP-8, TSSOP-8	/
TPA5561Q	Production	Automotive	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	/
TP1561AL1	Production	Industrial	1	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOT23-5, SC70-5	/
TP1562AL1	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/
TP1564AL1	Production	Industrial	4	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOIC-14, TSSOP-14	/

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TP1561AL1-S	Production	Industrial	1	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOT23-5	AEC-Q100 Qualified
TP1562AL1-S	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOIC-8, MSOP-8	AEC-Q100 Qualified
TP1564AL1-S	Production	Industrial	4	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOIC-14	AEC-Q100 Qualified
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, SC70-5	/
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	SOIC-8, MSOP-8	/
TPA6554	Production	Industrial	4	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOIC-14, TSSOP-14	/
TPA6581	Production	Industrial	1	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	SOT23-5, SC70-5, DFN0.8X0.8	/
TPA6582	Production	Industrial	2	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/
TPA6584	Production	Industrial	4	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	SOIC-14, TSSOP-14	/
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	/
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	/
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	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/
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	/
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	SOIC-8, MSOP-8	/
TPH2504	Production	Industrial	4	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOIC-14, TSSOP-14	/
TPA5601	Production	Industrial	1	2.5	5.5	2300	15	7	Yes	Yes	100	0.006	0.013	30	10	0.5	/	-40 to 125	SOT23-5	/
TPA5621	Preview	Industrial	1	2.5	5.5	2300	80	30	Yes	No	120	0.006	0.027	30	11	0.24	/	-40 to 125	SOT23-5	/
TPH2861	Production	Industrial	1	3.3	5.25	24000	8000	2700	No	No	85	1.8	2	23000000	1.1	/	Yes	-40 to 125	DFN2X2-8	/
TPH2861Q	Production	Automotive	1	3.3	5.25	24000	8000	2700	No	No	85	1.8	2	23000000	1.1	/	Yes	-40 to 125	DFN2X2-8	/
TPH2865Q	Preview	Automotive	1	3.3	5.25	11000	4000	1030	No	No	50	1.8	2	11000000	1.3	/	Yes	-40 to 125	DFN2X2-8	/
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	SOIC-8, MSOP-8	/
TPA5582Q	Preview	Automotive	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.02	0.01	20	10	0.2	/	-40 to 125	MSOP-8	/

Contact 3PEAK sales for more products information and samples.

精密运算放大器 ($V_{os} \leq 1\text{mV}$)

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)($\mu\text{V}/^\circ\text{C}$)	Ib(typ) (pA)	Vn (Typ) (nV/ rtHz)	Peak Noise at 0.1 to 10Hz(μVpp)	Shutdown/Disable	Operating Temperature Range($^\circ\text{C}$)	Package	Feature
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	SOT23-5, DFN1.4x1-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	/
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	SOT23-5, DFN1.4X1-4	/
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	SOIC-8	/
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, SC70-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	SOIC-14, TSSOP-14	/
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	SOIC-8	/
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	SOIC-8, MSOP-8	/
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	SOT23-5, SOIC-8	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	SOT23-5, SOIC-8	/
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	SOIC-8, MSOP-8	/
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	TSSOP-14	/
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, SC70-5	/
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	SOIC-8, MSOP-8, TSSOP-8	/
TPA5561Q	Production	Automotive	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	/
TP17	Production	Industrial	1	3	36	2000	6	20	No, to V- only	Yes	32	0.1	1	25	25	12	/	-40 to 125	SOIC-8	/
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	SOIC-8	/
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	SOIC-8, 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	SOIC-8, MSOP-8, DFN3X3-8	/
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	SOIC-14, TSSOP-14	/
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	SOIC-8, 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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	SOIC-8, MSOP-8, 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	SOIC-14, TSSOP-14	/

Contact 3PEAK sales for more products information and samples.

精密运算放大器 ($V_{os} \leq 1\text{mV}$)

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)($\mu\text{V}/^\circ\text{C}$)	Ib(typ) (pA)	Vn (Typ) (nV/ $\sqrt{\text{rtHz}}$)	Peak Noise at 0.1 to 10Hz(μVpp)	Shutdown/Disable	Operating Temperature Range($^\circ\text{C}$)	Package	Feature
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, SC70-5	/
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	SOIC-8, MSOP-8	/
TPA6554	Production	Industrial	4	2.5	5.5	1200	10	3	Yes	Yes	90	1	2	400	10	1.2	/	-40 to 125	SOIC-14, TSSOP-14	/
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	SOIC-8, 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	SOIC-8, MSOP-8	/
TPA1882Q	Production	Automotive	2	4.5	36	2500	12	12	No, to V- only	Yes	95	0.015	0.05	100	6	0.1	/	-40 to 125	SOIC-8, MSOP-8	/
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	/
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	/
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	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/
TPA5601	Production	Industrial	1	2.5	5.5	2300	15	7	Yes	Yes	100	0.006	0.013	30	10	0.5	/	-40 to 125	SOT23-5	/
TPA5571Q	Preview	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	Preview	Automotive	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.1	0.01	200	10	0.2	/	-40 to 125	SOIC-8, MSOP-8	/
TPA5582Q	Preview	Automotive	2	2.7	5.5	1200	15	4.9	Yes	Yes	160	0.02	0.01	20	10	0.2	/	-40 to 125	MSOP-8	/

高速运算放大器 ($\text{GBW} \geq 50\text{MHz}$)

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)($\mu\text{V}/^\circ\text{C}$)	Ib(typ) (pA)	Vn (Typ) (nV/ $\sqrt{\text{rtHz}}$)	Peak Noise at 0.1 to 10Hz(μVpp)	Shutdown/Disable	Operating Temperature Range($^\circ\text{C}$)	Package	Feature
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	/
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	SOIC-8, MSOP-8	/
TPH2504	Production	Industrial	4	2.5	5.5	7500	120	200	Yes	Yes	160	2	10	3	6.5	64	/	-40 to 125	SOIC-14, TSSOP-14	/
TPA5621	Preview	Industrial	1	2.5	5.5	2300	80	30	Yes	No	120	0.006	0.027	30	11	0.24	/	-40 to 125	SOT23-5	/
TPH2861	Production	Industrial	1	3.3	5.25	24000	8000	2700	No	No	85	1.8	2	23000000	1.1	/	Yes	-40 to 125	DFN2X2-8	/
TPH2861Q	Production	Automotive	1	3.3	5.25	24000	8000	2700	No	No	85	1.8	2	23000000	1.1	/	Yes	-40 to 125	DFN2X2-8	/
TPH2865Q	Preview	Automotive	1	3.3	5.25	11000	4000	1030	No	No	50	1.8	2	11000000	1.3	/	Yes	-40 to 125	DFN2X2-8	/

Contact 3PEAK sales for more products information and samples.

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/rtHz)	Peak Noise at 0.1 to 10Hz(μVpp)	Shutdown/Disable	Operating Temperature Range(°C)	Package	Feature
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	SOT23-5, DFN1.4X1-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/
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	/
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	SOT23-5, DFN1.4X1-4	/
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	SOIC-8	/
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	/
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, SC70-5	/
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	SOIC-8, MSOP-8	/
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	SOIC-14, TSSOP-14	/

小封装运算放大器 (DFN, QFN, Wafer-Level CSP)

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
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	SOT23-5, DFN1.4X1-5	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	SOT23-5, DFN1.4X1-4	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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	SOIC-8, MSOP-8, TSSOP8, DFN1.5X1.5-8	/
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	SOIC-8, MSOP-8, DFN2X2-8	/
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, SC70-5	/
TP6002	Production	Industrial	2	2.1	6	130	1.3	0.7	Yes	Yes	50	3	1	1	27	8	/	-40 to 125	SOIC-8, MSOP-8, DFN2X2-8	/
TP2262	Production	Industrial	2	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOIC-8, MSOP-8, TSSOP8, DFN2X2-8, DFN3X3-8	/
TP2264	Production	Industrial	4	3	36	1000	3.5	15	No, to V- only	Yes	32	2	2	25	30	10	/	-40 to 125	SOIC-14, TSSOP-14, QFN3X3-16	/

Contact 3PEAK sales for more products information and samples.

小尺寸封装运算放大器 (DFN, QFN, Wafer-Level CSP)

Part Number	Status	Rating	Channel	Supply Voltage(Min)	Supply Voltage(Max)	Iq per Channel (Max)(μ A)	GBW (Typ) (MHz)	Slew Rate (Typ)(V/ μ s)	Rail-Rail In	Rail-Rail Out	Ishort(Typ) (mA)	Vos(Max) (mV)	Offset Drift (Typ)(μ V/ $^{\circ}$ C)	Ib(typ) (pA)	Vn (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz(μ Vpp)	Shutdown/Disable	Operating Temperature Range($^{\circ}$ C)	Package	Feature
TP1562AL1	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/
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	SOIC-8, MSOP-8, DFN3X3-8	/
TPA6581	Production	Industrial	1	2.7	5.5	1500	10	8	Yes	Yes	135	2	0.1	10	10	2	/	-40 to 125	SOT23-5, SC70-5, DFN0.8X0.8	/
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	SOIC-8, MSOP-8, TSSOP-8, DFN2X2-8	/

隔离放大器和调制器

Part Number	Rating	Status	Product Family	Input Voltage Range(V)	Insulation Rating (Vrms)	Package	Feature
TPA8000	Industrial	Production	Isolated Amplifer	0.25	5000	WSOP8,SMP8	G = 8, Differential Output
TPA8001	Industrial	Production	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output
TPA8001-S	Industrial	Preview	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output, AEC-Q100 qualified
TPA8002	Industrial	Preview	Isolated Amplifer	0.05	5000	WSOP8	G = 41, Differential Output
TPA8003	Industrial	Production	Isolated Amplifer	2	5000	WSOP8	G = 1, Differential Output
TPA8003-S	Industrial	Preview	Isolated Amplifer	2	5000	WSOP8	G = 1, Differential Output, AEC-Q100 qualified
TPA8023	Industrial	Preview	Isolated Amplifer	2	3750	SOP8	G = 1, Single End Output
TPA8101	Industrial	Production	Isolated Modulator	0.25	5000	WSOP8	Clock In

仪表放大器

Product	Rating	Status	Product Family	Supply Voltage (Min)(V)	Supply Voltage (Max)(V)	VOS (Max)(μ V)	Ib (Typ)(nA)	Bandwidth at G=1 (Typ)(MHz)	Slew Rate (Typ) (V/ μ s)	Gain Setting (V/V)	Gain Error at G=1 (Max)(%)	CMRR at G=1(Min)(dB)	Package
TPA1286	Industrial	Production	Instrumentation Amplifer	4.5	36	50	0.3	1.6	5	1 to 1000	0.05	80	SOP8, MSOP8, DFN3X3-8

电流信号检测放大器

Part Number	Status	Rating	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)	Channel	Comparator	Package	Feature
TPA191	Production	Industrial	-0.3	36	0.2	Bi-dir	95	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	50	22000	NO	2.7	36	115	1	0	SC70-6	/
TPA183	Production	Industrial	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	1	0	SOT23-5	Powered by input pin
TPA2296	Production	Industrial	-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	<210,000	NO	3	18	1000	1	0	SOT23-5, SOT23-6	/
TPA2295C	Production	Industrial	-0.1	70	<0.5	Uni-dir	110	500	G = 20,50,100	0.5	5	500	<210,000	NO	3	18	1000	1	1	MSOP8	Integrated comparator
TPA1295	Production	Industrial	-0.1	70	<0.5	Bi-dir	110	500	G = 50	0.5	5	100	<210,000	NO	3	18	1000	1	0	SOP8	/
TPA1285	Production	Industrial	3	76	<0.4	Uni-dir	110	60	G = 20	0.5	10	100	<65,000	NO	3	5.5	1000	2	0	MSOP8	/

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)	Package	Operating Temperature Range (° C)	Feature
TPA2031Q	Production	Automotive	1	Push-Pull	1.8	5.5	350	42	6	0.03	Yes	Yes	VCC+0.1	VSS-0.1	SOT23-5	-40 to 125	/
LM2903DQ	Production	Automotive	2	Open-Drain	3	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	SOIC-8	-40 to 125	/
LM2903D	Production	Industrial	2	Open-Drain	3	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	SOIC-8, MSOP-8,	-40 to 125	/
LM2903A	Production	Industrial	2	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	SOIC-8, MSOP-8, TSSOP-8	-40 to 125	/
LM2901A	Production	Industrial	4	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	SOIC-14, TSSOP-14	-40 to 125	/
LM331A	Production	Industrial	1	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	SOT23-5, SC70-5, MSOP-8, SOIC-8	-40 to 125	/
LM393A	Production	Industrial	2	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	SOIC-8,DFN2X2-8, TSSOP-8	-40 to 125	/
LM339A	Production	Industrial	4	Open-Drain	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	SOIC-14, TSSOP-14	-40 to 125	/
LM2903A-S	Production	Industrial	2	Open-Drain	2.5	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	SOIC-8, MSOP-8, TSSOP-8	-40 to 125	AEC-Q100 Qualified
LM2901A-S	Production	Industrial	4	Open-Drain	2.5	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	SOIC-14, TSSOP-14	-40 to 125	AEC-Q100 Qualified
TPCMP761	Preview	Industrial	1	Open-Drain	2.5	36	300	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	SOT23-5	-40 to 125	/
TPCMP762	Preview	Industrial	2	Open-Drain	2.5	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	SOIC-8	-40 to 125	/
TPCMP764	Preview	Industrial	4	Open-Drain	2.5	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	SOIC-14, TSSOP-14	-40 to 125	/
LMV331X	Production	Industrial	1	Open-Drain	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	SOT23-5, SC70-5	-40 to 125	/
LMV393X	Production	Industrial	2	Open-Drain	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	SOIC-8, MSOP-8	-40 to 125	/
TPCMP251	Production	Industrial	1	Push-Pull	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	SOT23-5	-40 to 125	/
TPCMP252	Production	Industrial	2	Push-Pull	2.5	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	MSOP-8	-40 to 125	/
TPCMP271	Production	Industrial	1	Push-Pull	2.5	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	SOT23-5	-40 to 125	/
TPCMP272	Production	Industrial	2	Push-Pull	2.5	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	MSOP-8	-40 to 125	/

Contact 3PEAK sales for more products information and samples.

接口产品

高压模拟开关

Part Number	Status	Rating	Channel	Switch Config	VDD (V)	VEE (V)	Input Range	BW (MHz)	IQ(Typ.) (1 Channel)(μ A)	Ron(Ω)	Leakage Current (nA)	VIH (Min)(V)	VIL (Max)(V)	tON (ns)	tOFF (ns)	Latch up (mA)	Package
TPW4051	Production	Industrial	1	8:1	3~12	-6~0	VEE to VDD	200	8	120	100	2	0.8	60	50	150	SOP16,TSSOP16,QFN3X3-16
TPW4052	Production	Industrial	2	4:1	3~12	-6~0	VEE to VDD	200	8	120	100	2	0.8	60	50	150	SOP16,QFN3X3-16
TPW4053	Production	Industrial	3	2:1	3~12	-6~0	VEE to VDD	200	8	120	100	2	0.8	60	50	150	SOP16,QFN3X3-16
TPW4054	Production	Industrial	1	4:1	3~12	N/A	0V to VDD	200	8	120	100	2	0.8	60	50	150	MSOP10
TPW4066	Production	Industrial	4	1:1	3~12	N/A	0V to VDD	200	8	120	100	2	0.8	60	50	150	SOP14,TSSOP14
TPW4425	Production	Industrial	4	2:1	3~16	-8~0	VEE to VDD	200	1	10	100	1.5	0.5	320	130	150	QFN4X4-20,TSSOP20

低压模拟开关

Part Number	Status	Rating	Channel	Switch Config	VDD (V)	VEE (V)	Input Range	BW (MHz)	IQ(Typ.) (1 Channel)(μ A)	Ron(Ω)	Leakage Current (nA)	VIH (Min)(V)	VIL (Max)(V)	tON (ns)	tOFF (ns)	Latch up (mA)	Package
TPW3111	Production	Industrial	1	1:1	1.65~5.5	N/A	0V to VDD	100	0.3	1.15	10	2.4	0.8	40	15	600	SOT23-5
TPW3115	Production	Industrial	1	1:1	1.65~5.5	N/A	0V to VDD	250	0.3	5	10	1.5	0.7	100	100	600	SOT23-5,SOT353
TPW4157	Production	Industrial	1	2:1	1.65~5.5	N/A	0V to VDD	100	0.3	1.15	10	2.4	0.8	40	15	800	SOT363
TPW3157A	Production	Industrial	1	2:1	1.65~5.5	N/A	0V to VDD	100	0.3	2	10	2.4	0.8	40	15	800	SOT363
TPW3125	Production	Industrial	1	2:1	1.65~5.5	N/A	0V to VDD	250	0.3	5	10	1.42	0.7	100	100	600	SOT23-5,SOT363
TPW3221	Production	Industrial	2	2:1	1.65~5.5	N/A	0V to VDD	100	0.3	1.15	10	2.4	0.8	40	15	800	MSOP10,DFN3X3-10
TPW3223	Production	Industrial	2	2:1	1.65~5.5	N/A	0V to VDD	100	0.3	1.15	10	2.4	0.8	40	15	800	QFN1.4X1.8-10
TPW1221	Production	Industrial	2	2:1	1.65~5.5	N/A	-2.5V to VDD	60	0.3	0.9	100	1.6	0.6	100	60	300	QFN1.4X1.8-10
TPW3188Q	Production	Automotive	8	8:1	1.65~5.5	N/A	0V to VDD	250	0.3	75	100	1.25	0.75	22	11	500	TSSOP16

CAN

Part Number	Status	Rating	Protocol	Supply Voltage(V)	Bus Fault Protection Voltage(V)	Max Data Rate(Mbps)	Channel	Feature	BUS Contact ESD(kV)	Package
TPT1255	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-42 to +42	5	1	Silent	15	DFN3X3-8,SOP8
TPT1256	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-42 to +42	5	1	Silent, VIO	15	DFN3X3-8,SOP8
TPT1051H	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent	15	DFN3X3-8,SOP8
TPT1051HV	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent, VIO	15	DFN3X3-8,SOP8
TPT1042	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Standby	15	DFN3X3-8,SOP8
TPT1042V	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Standby, VIO	15	DFN3X3-8,SOP8
TPT1043	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent, Standby, Sleep, INH, VIO	12	DFN4.5X3-14,SOP14
TPT1051Q	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent	15	DFN3X3-8,SOP8
TPT1051VQ	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent, VIO	15	DFN3X3-8,SOP8
TPT1042Q	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Standby	15	DFN3X3-8,SOP8
TPT1042VQ	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Standby, VIO	15	DFN3X3-8,SOP8
TPT1043Q	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Silent, Standby, Sleep, INH, VIO	12	DFN4.5X3-14,SOP14
TPT1145Q	Preview	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Partial Networking, SPI	10	DFN4.5X3-14,SOP14
TPT1145NQ	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Partial Networking, SPI	10	DFN4.5X3-14,SOP14
TPT1330	Preview	Industrial	CAN, CAN FD	3 to 3.6	-45 to +45	5	1	Silent, Shut down	6	SOT23-8, SOP8
TPT1334	Production	Industrial	CAN, CAN FD	3 to 3.6	-45 to +45	5	1	Standby, Shut down	6	SOT23-8, SOP8
TPT1337	Preview	Industrial	CAN, CAN FD	3 to 3.6	-45 to +45	5	1	Silent, Fault	6	SOT23-8, SOP8
TPT1057Q	Preview	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Silent	6	DFN3X3-8,SOP8
TPT1057VQ	Preview	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Silent, VIO	6	DFN3X3-8,SOP8
TPT1044Q	Preview	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Standby	6	DFN3X3-8,SOP8
TPT1044VQ	Preview	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Standby, VIO	6	DFN3X3-8,SOP8
TPT1462Q	Preview	Automotive	CAN, CAN FD, CAN SIC	4.5 to 5.5	-45 to +45	8	1	Standby	6	DFN3X3-8,SOP8
TPT1462VQ	Preview	Automotive	CAN, CAN FD, CAN SIC	4.5 to 5.5	-45 to +45	8	1	Standby, VIO	6	DFN3X3-8,SOP8

Contact 3PEAK sales for more products information and samples.

LIN

Part Number	Status	Rating	Protocol	Supply Voltage(V)	Bus Fault Protection Voltage(V)	Max Data Rate(Kbps)	Channel	Feature	BUS Contact ESD (kV)	Package
TPT1021Q	Production	Automotive	LIN	5.5 to 40	- 45 to +45	20	1	INH pin, WAKE pin	15	DFN3X3-8, SOP8
TPT1029Q	Preview	Automotive	LIN	5.5 to 40	- 45 to +45	20	1	SLP pin	15	DFN3X3-8, SOP8
TPT1022Q	Preview	Automotive	LIN	5.5 to 40	- 45 to +45	20	2	SLP pin	8	DFN3X4.5-14, SOP14
TPT1024Q	Preview	Automotive	LIN	5.5 to 40	- 45 to +45	20	4	SLP pin	8	DFN3.5X5.5-24
TPT1028Q	Preview	Automotive	LIN, SBC	5.5 to 40	- 45 to +45	20	1	Integreted LDO	8	DFN3X3-8, SOP8, ESOP8

SBC

Part Number	Status	Rating	Protocol	Supply Voltage(V)	Output Voltage(V)	Bus Fault Protection Voltage(V)	Max Data Rate(Kbps)	Channel	Feature	BUS Contact ESD (kV)	Package
TPT10285Q	Preview	Automotive	LIN, SBC	5.5 to 40	5	- 45 to +45	20	1	Integreted LDO	8	DFN3X3-8, SOP8, ESOP8
TPT10283Q	Preview	Automotive	LIN, SBC	5.5 to 40	3.3	- 45 to +45	20	1	Integreted LDO	8	DFN3X3-8, SOP8, ESOP8

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
TPT9L484	Production	Industrial	0	4	3	3.6	400000	20	8	Yes	-40 to +85	TSSOP16
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

RS232

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
TPT3232E	Production	Industrial	2	2	3	5.5	250	15	8	12	-40 to +125	SOP16,SSOP16,TSSOP16

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RS485

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
TPT480	Production	Industrial	1	1	3	5.5	20000	2.5	20	15	-40 to +125	SOP8,DFN3X3-8
TPT481	Production	Industrial	1	1	3	5.5	20000	2.7	18	15	-40 to +125	SOP8,MSOP8,DFN3X3-8
TPT482	Production	Industrial	1	1	3	5.5	20000	2.5	20	15	-40 to +125	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
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	SOP8,MSOP8,DFN3X3-8
TPT488	Production	Industrial	1	1	3	5.5	500	2.5	20	15	-40 to +125	DFN3X3-8,SOP8
TPT4089	Production	Industrial	1	1	3	5.5	500 or 20,000	2.5	18	15	-40 to +125	SOP14
TPT4181	Production	Industrial	1	1	3	5.5	500 or 20,000	2.2	15	15	-40 to +125	DFN3X3-10
TPT75176A	Production	Industrial	1	1	3	5.5	5000	5	12	Yes	-40 to +125	SOP8,MSOP8,DFN3X3-8
TPT75176B	Production	Industrial	1	1	3	5.5	10000	5	12	Yes	-40 to +125	SOP8,MSOP8,DFN3X3-8
TPT75176H	Production	Industrial	1	1	3	5.5	10000	2.2	15	15	-40 to +125	SOP8,MSOP8,DFN3X3-8
TP8485E	Production	Industrial	1	1	3	5.5	250	0.93	18	Yes	-40 to +125	SOP8,MSOP8
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

隔离产品

数字隔离器

Part Number	Status	Rating	Channel	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	Preview	Industrial	1	1/0	5000	10000	200	150	150	High	WSOP16,WSOP8,SOP8
TPT7710F	Preview	Industrial	1	1/0	5000	10000	200	150	150	Low	WSOP16,WSOP8,SOP8
TPT7720	Production	Industrial	2	2/0	5000	10000	200	150	150	High	WSOP16,WSOP8,SOP8
TPT7720F	Production	Industrial	2	2/0	5000	10000	200	150	150	Low	WSOP16,WSOP8,SOP8
TPT7721	Production	Industrial	2	2/1	5000	10000	200	150	150	High	WSOP16,WSOP8,SOP8
TPT7721F	Production	Industrial	2	2/1	5000	10000	200	150	150	Low	WSOP16,WSOP8,SOP8
TPT7730	Preview	Industrial	3	3/0	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7730F	Preview	Industrial	3	3/0	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16
TPT7731	Preview	Industrial	3	3/1	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7731F	Preview	Industrial	3	3/1	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16
TPT7740	Production	Industrial	4	4/0	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7740F	Production	Industrial	4	4/0	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16
TPT7741	Production	Industrial	4	4/1	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7741F	Production	Industrial	4	4/1	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16
TPT7742	Production	Industrial	4	4/2	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7742F	Production	Industrial	4	4/2	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16
TPT7722	Preview	Industrial	2	2/1	5000	10000	200	150	150	High	WSOP16,SOP16,QSOP16
TPT7722F	Preview	Industrial	2	2/1	5000	10000	200	150	150	Low	WSOP16,SOP16,QSOP16

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	WSOP16,WSOP8
TPT71050	Production	Industrial	5000	10000	200	150	5	42V	WSOP16,WSOP8

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隔离 485

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
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
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

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	Rating	Status	Product Family	Input Voltage Range(V)	Insulation Rating (Vrms)	Package	Feature
TPA8000	Industrial	Production	Isolated Amplifer	0.25	5000	WSOP8,SMP8	G = 8, Differential Output
TPA8001	Industrial	Production	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output
TPA8001-S	Industrial	Preview	Isolated Amplifer	0.25	5000	WSOP8	G = 8.2, Differential Output, AEC-Q100 qualified
TPA8002	Industrial	Preview	Isolated Amplifer	0.05	5000	WSOP8	G = 41, Differential Output
TPA8003	Industrial	Production	Isolated Amplifer	2	5000	WSOP8	G = 1, Differential Output
TPA8003-S	Industrial	Preview	Isolated Amplifer	2	5000	WSOP8	G = 1, Differential Output, AEC-Q100 qualified
TPA8023	Industrial	Preview	Isolated Amplifer	2	3750	SOP8	G = 1, Single End Output
TPA8101	Industrial	Production	Isolated Modulator	0.25	5000	WSOP8	Clock In

隔离栅极驱动

Part Number	Status	Rating	Isolation Rating(Vrms)	Feature	Channel	Peak Output Current(A)	Junction Temperature Range(°C)	Output Voltage Max(V)	Output Voltage Min(V)	Propagation Delay(ns)	Package
TPM23513	Preview	Industrial	5700	Opto-coupler compatible input	1	5/5	-40 to +150	40	14	70	WSOP6
TPM23513B	Preview	Industrial	5700	Opto-coupler compatible input, 8V UVLO	1	5/5	-40 to +150	40	10	70	WSOP6
TPM23514M	Preview	Industrial	5700	Opto-coupler compatible input, Miller Clamp	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514S	Preview	Industrial	5700	Opto-coupler compatible input, Split Output	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514D	Preview	Industrial	5700	Opto-coupler compatible input, Desat	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514V	Preview	Industrial	5700	Opto-coupler compatible input, Single Output	1	5/5	-40 to +150	40	14	70	WSOP8
TPM5350M	Preview	Industrial	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM5350BM	Preview	Industrial	5700	TTL input, Miller Clamp, 8V UVLO	1	5/5	-40 to +150	40	10	55	WSOP8
TPM5350S	Preview	Industrial	5700	TTL input, Split Output	1	5/5	-40 to +150	40	14	55	WSOP8
TPM5350BS	Preview	Industrial	5700	TTL input, Split Output, 8V UVLO	1	5/5	-40 to +150	40	10	55	WSOP8
TPM5350MQ	Preview	Automotive	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM21520Q	Preview	Automotive	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM21520	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	14	25	WSOP16
TPM215201	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	10	25	WSOP16
TPM215202	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	6	25	WSOP16
TPM215203	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	12	25	WSOP16
TPM81520	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	14	25	WSOP20
TPM815201	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	10	25	WSOP20
TPM815202	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	6	25	WSOP20
TPM815203	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	12	25	WSOP20

数据转换器

高精度 ADC

Part Number	Status	Rating	Resolution (Bits)	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	12	8	0.35	SAR	Pseudo-Differential	Simultaneous Sampling	±2	±1	±15	±15	±5, ±10	52	Parallel/SPI	-40 to +125	LQFP10X10-64
TPAFE5161	Production	Industrial	4	12	4	0.35	SAR	Pseudo-Differential	Simultaneous Sampling	SPI/I2C	±1	±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	±1	±15	±15	±5, ±10	52	Parallel/SPI	-40 to +125	LQFP10X10-64
TPC5120	Production	Industrial	12	2.7-5.5	16	1	SAR	Single-Ended	Multiplexed	±1.5	(-1, 1.5)	±4	±2	0~-2.5, 0-5	1.65	SPI	-40 to +125	TSSOP38 QFN5X5-32
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~-2.5, 0-5	1.65	SPI	-40 to +125	QFN4X4-24
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
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	Multiplexed	10ppmFSR	/	±0.18	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	QFN6X6-40
TPC51701	Production	Industrial	16	4.5-5.5	8	1	SAR	Pseudo-Differential	/	(-3.3, +2.3)	(-0.99, +1.1)	±14	(-14, +29)	0 to Vref	7.6	SPI	-40 to +125	QFN4X4-20
TPAFE51760	Preview	Industrial	16	4.5-5.5	16	1	SAR	Differential	Multiplexed, Simultaneous Sampling	±3	±0.99	±10	±60	±2.5, ±5, ±10	47.6	Parallel/SPI	-40 to +125	LQFP14X14-80
TPAFE51736S8	Preview	Industrial	16	4.5-5.5	8	0.5	SAR	Differential	Simultaneous Sampling	±2	(-0.99, +1)	±2.25 mV	±0.07%FSR	±12.288/±10.24/±6.144/±5.12/ ±3.072/ ±2.56/ 0 to 12.288/10.24// 6.144 /5.12	25	SPI	-40 to +125	TSSOP38
TPC5121Q	Preview	Automotive	12	2.7-5.5	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
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

高精度 DAC

Part Number	Status	Rating	Resolution (Bits)	VDD (V)	Channel	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
TPC2190	Production	Industrial	16	2.7-5.5	8	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, WLCSP2.4X2.4-16
TPC2192	Production	Industrial	12	2.7-5.5	8	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, WLCSP2.4X2.4-16
TPC2161	Production	Industrial	16	2.7-5.5	1	Unbuffered Voltage	Ext	1	R-2R	0	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	SOP14
TPC2160	Production	Industrial	16	2.7-5.5	1	Unbuffered Voltage	Ext	1	R-2R	0	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	SOP8
TPC2161M	Production	Industrial	16	2.7-5.5	1	Unbuffered Voltage	Ext	1	R-2R	Mid-Scale	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	SOP14
TPC112S1	Production	Industrial	12	2.7-5.5	1	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC114S1	Production	Industrial	14	2.7-5.5	1	Buffered Voltage	Ext	14	String	0	±8	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC116S1	Production	Industrial	16	2.7-5.5	1	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8

Contact 3PEAK sales for more products information and samples.

高精度 DAC

Part Number	Status	Rating	Resolution (Bits)	VDD (V)	Channel	Output Type	Reference Type	Settling Time (μs)	Architecture	Output POR Status	INL	DNL (LSB, Max)	Offset Error (mV, Max)	IDDD (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
TPC112S4	Production	Industrial	12	2.7~5.5	4	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC116S4	Production	Industrial	16	2.7~5.5	4	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC112S8	Production	Industrial	12	2.7~5.5	8	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16,QFN4X4-16
TPC116S8	Production	Industrial	16	2.7~5.5	8	Buffered Voltage	Ext	14	String	0	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16,QFN4X4-16
TPC112S8U	Production	Industrial	12	2.7~5.5	8	Buffered Voltage	Ext	14	String	0	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16,QFN4X4-16

数字式电流 / 功率监测器

Part Number	Status	Rating	Feature	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
TPA620	Production	Industrial	Bidirectional, Intergrated Power Monitor, Low-side Capable, Programmable Gain	12	12	0~36	50	0.4	110	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10
TPA626	Production	Industrial	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise	12	16	0~36	30	0.4	SPI/I2C	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10
TPA6270	Production	Industrial	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise	1	16	0~36	10	0.15	120	5.5	2.7	0.6	I2C, SMBUS	-40 to +125	MSOP10
TPA6271	Production	Industrial	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise	1	16	0~120	10	0.15	120	5.5	2.7	0.6	I2C, SMBUS	-40 to +125	MSOP10

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	Feature	Temperature Range(°C)	Package
TPAFE0808	Production	Industrial	8	12	0~VREF, 0~2*VREF	8	12	Voltage	5V	8	Internal/External	Internal	SPI	8 analog pins configurable as ADC/DAC/GPIO	-40 to +125	WLCSP,QFN3X3-16
TPAFEA008	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	4 IDACs, 4 VDACS with positive/negative output	-40 to +125	WLCSP2.6X2.6-16
TPA7836B	Production	Industrial	21	12	High precision inputs: 0~5V, Bipolar inputs: -12.5V~12.5V	16	12	Voltage	-10V, -5V, 5V, -10V	8	Internal	Internal	SPI	21-channel, 12bits ADC, sixteen 12-bits DACs with programmable output ranges	-40 to +125	TQFP 64

温度传感器

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

Contact 3PEAK sales for more products information and samples.

线性稳压器与基准

LVLDO

Part Number	Status	Rating	Maximum Output Current(mA)	Iq(mA)	PSRR @1KHz (dB)	Dropout(mV)	Temperature Range (°C)	Input Voltage(V)	Accuracy(max)	Noise(μVRMS)	Package	Feature
TPL5031	Production	Industrial	300	0.055	70	250	-40 to +125	1.5~5.5	±2%	178	SOT23-5	/
TPL51200	Production	Industrial	±3000	0.8	/	/	-40 to +125	2.375~5.5	±25mV	/	DFN3X3-10	/
TPL51200-S	Production	Industrial	±3000	0.8	/	/	-40 to +125	2.375~5.5	±25mV	/	DFN3X3-10	/
TPL51201-S	Production	Industrial	±3000	0.8	/	/	-40 to +125	2.375~5.5	±25mV	/	DFN3X3-10	/
TPL51206	Production	Industrial	±2000	0.89	/	/	-40 to +125	3.0~5.5	±40mV	/	DFN2X2-10	/
TPL6305	Production	Industrial	3000	/	63	145	-40 to +125	1.4~6.5	±2%	24	ESOP8	/
TPL6305-S	Production	Industrial	3000	/	63	145	-40 to +125	1.4~6.5	±2%	24	ESOP8	/
TPL710	Production	Industrial	200	0.0014	54	170	-40 to +125	2.4~6.0	±3%	90	SOT23-3,SOT23-5,DFN1X1-4	/
TPL720	Production	Industrial	400	0.0014	54	350	-40 to +125	2.4~6.0	±3%	90	SOT23-3,SOT23-5,SOT89-3	/
TPL730	Production	Industrial	300	0.049	60	200	-40 to +125	2.4~5.5	±2%	40	SOT23-5,SOT353,DFN1X1-4	/
TPL740	Production	Industrial	500	0.049	60	200	-40 to +125	2.4~5.5	±2%	40	SOT23-5,SOT23-6,SOT89-3	/
TPL9032	Production	Industrial	300	0.12	81.9	80	-40 to +125	1.75~5.5	±2%	8.6	SOT23-5,WLCSP,DFN1X1-4	/
TPL9052	Production	Industrial	500	0.12	82	150	-40 to +125	1.75~5.5	±2%	8.6	SOT23-5,DFN1X1-4	/
TPL9052-S	Production	Industrial	500	0.12	82	150	-40 to +125	1.75~5.5	±2%	8.6	SOT23-5	AEC-Q100 Qualified
TPL9053	Production	Industrial	500	0.13	89	150	-40 to +125	1.75~5.5	±1.5%	5.7	DFN2X2-8	/
TPL9053-S	Production	Industrial	500	0.13	89	150	-40 to +125	1.75~5.5	±1.5%	5.7	DFN2X2-8	/
TPL910	Production	Industrial	1000	15	65	500	-40 to +125	2.2~6.5	±3%	24	DFN3X3-8	/
TPL910Q	Production	Automotive	1000	0.13	78	500	-40 to +150	2.2~5.5	±2%	4.9	DFN3X3-8	/
TPL910A	Production	Industrial	1000	0.13	80	500	-40 to +125	2.2~6.5	±3%	4.5	DFN3X3-8	/
TPL910A-S	Production	Industrial	1000	0.13	80	500	-40 to +125	2.2~6.5	±3%	4.5	DFN3X3-8	/
TPL9305-S	Production	Industrial	3000	5	65	120	-40 to +125	1.1~6.5	±1%	4	QFN3.5X3.5-20	/
TPL9208-S	Production	Industrial	2000	5	63	80	-40 to +125	1.1~6.5	±1%	3.3	QFN5X5-20,DFN2.5X2.5-10	/
TPL9308-S	Production	Industrial	3000	5	65	120	-40 to +125	1.1~6.5	±1%	4	DFN3.5X3.5-10	/
TPL9218-S	Production	Industrial	2000	5	70	80	-40 to +125	1.4~6.5	±1%	6	DFN2.5X2.5-10	/
TPL920	Production	Industrial	2000	12	70	120	-40 to +125	1.1~6.5	±1%	6	QFN5X5-20	/
TPL930	Production	Industrial	3000	12	70	145	-40 to +125	1.1~6.5	±1%	6	QFN3.5X3.5-20	/

Contact 3PEAK sales for more products information and samples.

HVLDO

Part Number	Status	Rating	Maximum Output Current(mA)	Iq(mA)	PSRR @ 1kHz(dB)	Dropout(mV)	Temperature Range (°C)	Input Voltage(V)	Accuracy(max)	Noise(μVRMS)	Package
TPL8031	Production	Industrial	300	0.003	65	440	-40 to +125	3.0~40	±2.5%	/	SOT23-5, SOT223-3, SOT89-3
TPL8031Q	Production	Automotive	300	0.003	65	440	-40 to +150	3.0~42	±2.5%	/	DFN3X3-8,SOT223-3,EMSOP8
TPL8032	Production	Industrial	300	0.098	79	375	-40 to +125	2.5~20	±2%	5.68	SOT23-5
TPL8032-S	Production	Industrial	300	0.098	79	375	-40 to +125	2.5~20	±2%	5.68	SOT23-5
TPL8032Q	Production	Automotive	300	0.096	96	375	-40 to +150	2.5~20	±2%	5.68	ESOP8
TPL8033	Production	Industrial	200	2.2	110	250	-40 to +125	2.5~20	±2%	1	DFN3X3-10
TPL810	Production	Industrial	180	0.002	65	720	-40 to +125	3.6~24	±2%	70	SOT23-3,SOT23-5,SOT89-3
TPL820	Production	Industrial	180	0.002	65	720	-40 to +125	3.6~42	±2%	70	SOT23-3,SOT23-5,SOT89-3,SOT223-3
TPL8151	Production	Industrial	1500	/	79	1300	-40 to +125	2.75~29	±2%	17.5	DFN4X4-8
TPL8151-S	Production	Industrial	1500	/	79	1300	-40 to +125	2.75~29	±2%	17.5	DFN4X4-8
TPL8151Q	Production	Automotive	1500	/	79	1300	-40 to +150	2.75~29	±2%	17.5	ESOP-8
TPL8034Q	Preview	Automotive	300	0.003	65	440	-40 to +150	3.0~42	±2%	/	EMSOP8
TPL8035Q	Preview	Automotive	300	0.003	65	440	-40 to +150	3.0~42	±2%	/	EMSOP8,DFN3X3-8
TPL8651Q	Production	Automotive	150	0.005	65	170	-40 to +150	3.5~42	±5mV	80	ESOP8
TPL8652Q	Production	Automotive	250	0.005	65	340	-40 to +150	3.5~42	±5mV	80	ESOP8

高边开关

Part Number	Status	Rating	Minimum Operating Voltage (V)	Maximum Operating Voltage (V)	Ron (typ) (mΩ)	Channel	Current Limit Type	Minimum Current Limit (mA)	Maximum Current Limit (mA)	Current Limit Accuracy	Current Sense Accuracy	Temperature Range (°C)	Package
TPS42S40Q	Preview	Automotive	3.5	42	100	1	Adjustable	500	4000	±20%	±3%	-40 to +150	ETSSOP14
TPS42Q20Q	Preview	Automotive	3.5	40	160	4	Adjustable	500	2500	±20%	±3%	-40 to +150	ETSSOP28

电子保险丝

Part Number	Status	Rating	Minimum Operating Voltage (V)	Maximum Operating Voltage (V)	Ron (typ) (mΩ)	Channel	Current Limit Type	Minimum Current Limit (mA)	Maximum Current Limit (mA)	Current Limit Accuracy	Current Sense Accuracy	Temperature Range (°C)	Package
TPS05P50	Preview	Industrial	4.5	5.5	30	1	Adjustable	2000	5000	±15%	/	-40 to +125	DFN3X3-10
TPS14P50	Preview	Industrial	4.5	14	30	1	Adjustable	2000	5000	±15%	/	-40 to +125	DFN3X3-10

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并联型电压基准

Part Number	Status	Rating	Output Voltage	I _{sink} (min)(mA)	I _{sink} (max)(mA)	Accuracy	TC (ppm/°C)	10 to 10kHz Voltage Noise (μVrms)	Output Capacitor Load (μF)	Package	Feature
TPR6040	Production	Industrial	Fixed(2.048, 2.5, 3.0, 4.096, 5.0)	0.15	15	0.20%	50	90	Any Load	SOT23-G	/
TPR6040-S	Production	Industrial	Fixed(2.048, 2.5, 3.0, 4.096, 5.0)	0.15	15	0.10%	25	90	Any Load	SOT23-G	AEC-Q100 Qualified
TPR431-S	Production	Industrial	Adjustable(VREF to 36V)	1	80	0.50%	50	/	/	SOT23-G	AEC-Q100 Qualified
TPR433-S	Production	Industrial	Adjustable(VREF to 36V)	0.6	80	0.50%	50	/	/	SOT23-G	/
TPR434-S	Production	Industrial	Adjustable(VREF to 36V)	0.6	80	0.50%	50	/	/	SOT23-G	/
TPR433Q-S	Preview	Automotive	Adjustable(VREF to 36V)	0.6	80	0.50%	50	/	/	SOT23-G	/
TPR434Q-S	Preview	Automotive	Adjustable(VREF to 36V)	0.6	80	0.50%	50	/	/	SOT23-G	/
TPR432	Production	Industrial	Adjustable(VREF to 36V)	1	80	0.50%	50	/	/	SOT23-G	/
TPR431	Production	Industrial	Adjustable(VREF to 36V)	1	80	0.50%	50	/	/	SOT23-G	/

串联型电压基准

Part Number	Status	Rating	V _{in} (min)(V)	V _{in} (max)(V)	Output Voltage	I _q (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
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	0.20%	30	50	50	50	20	0.1 to 10	SOT23-G	/
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	0.15%	20	30	50	50	20	0.1 to 10	SOT23-G	/
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	0.15%	20	30	50	50	20	0.1 to 10	SOT23G-3 QFN1.5X1.5-8	AEC-Q100 Qualified
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	0.05%	3	6	7.5	20	20	0.1 to 100	MSOP8,SOP8	/
TPR70	Production	Industrial	max(Ver+0.2, 3)	15	Fixed(2.048, 2.5, 3.0, 3.3, 4.096, 5.0, 10)	1700	0.05%	5	3	2.5	5	20	0.1 to 100	SOP8	/
TPR31	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	/

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)	Channel	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

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
TPV803	Production	Industrial	2.2	Yes	/	/	/	200	/	Low Active	Open Drain	-40 to +125	SOT23G-3
TPV809	Production	Industrial	2.2	Yes	/	/	/	200	/	Low Active	Push-Pull	-40 to +125	SOT23-3,SOT23G-3
TPV810	Production	Industrial	2.2	Yes	/	/	/	200	/	High Active	Push-Pull	-40 to +125	SOT23G-3
TPV811	Production	Industrial	2.2	Yes	Yes	/	/	200	/	Low Active	Push-Pull	-40 to +125	SOT143
TPV821	Production	Industrial	2.2	Yes	Yes	/	/	200	/	Low Active	Open Drain	-40 to +125	SOT143
TPV8308	Production	Industrial	0.6	Yes	Yes	/	/	Programmable	/	Low Active or High Active	Push-Pull, Open Drain	-40 to +125	SOT23-6
TPV8348	Production	Industrial	0.4	Yes	Yes	/	/	Programmable	/	Low Active or High Active	Push-Pull, Open Drain	-40 to +125	DFN1.5X1-6
TPV8368Q	Production	Automotive	2	Yes	Yes	/	/	Programmable	/	Low Active	Open Drain	-40 to +125	SOT23-6
TPV8318	Production	Industrial	0.8	Yes	Yes	/	/	Programmable	/	Low Active	Open Drain	-40 to +125	SOT23-5
TPV708	Production	Industrial	2.2	Yes	Yes	/	Yes	200	/	Low Active or High Active	Push-Pull	-40 to +125	SOP8
TPV812	Production	Industrial	2.2	Yes	Yes	/	/	200	/	High Active	Push-Pull	-40 to +125	SOT143, SOT23-5

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
TPV6823	Production	Industrial	2.2	Yes	Yes	Yes	/	200	1.6	Low Active	Push-Pull	-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	Preview	Automotive	2.2	NA	NA	Yes	NA	NA	0.6,1.6	Low Active	Open-Drain	-40 to +125	SOT23-5

Contact 3PEAK sales for more products information and samples.

驱动器

步进马达驱动

Part Number	Status	Rating	Feature	VIN(V)	Channel	Max Output Current(A)	Package
TPM8866	Production	Industrial	Shift-Register Interface, Open-Load, Short Protection, Fault Mask, CRC	5-48	8	1.5	ETSSOP24
TPM8803	Preview	Industrial	Short Protection	5-48	4	3	ETSSOP16
TPM8860	Preview	Industrial	Shift-Register Interface, Open-Load, Short Protection	5-48	8	1.5	ETSSOP24
TPM6501	Preview	Industrial	Push-pull transformer driver for isolated power, Spread Spectrum	2.5-25	2	1	SOT23-5
TPM6505	Preview	Industrial	Push-pull transformer driver for isolated power, Spread Spectrum, EN, CLK	2.5-25	2	1	SOT23-6
TPM6501Q	Preview	Automotive	Push-pull transformer driver for isolated power, Spread Spectrum	2.5-25	2	1	SOT23-5
TPM6505Q	Preview	Automotive	Push-pull transformer driver for isolated power, Spread Spectrum, EN, CLK	2.5-25	2	1	SOT23-6
TPM0596	Production	Industrial	Shift Register	5-50	8	0.5	TSSOP16
TPM2803	Production	Industrial	Parallel Input	5-50	8	0.5	SOP18
TPM2003	Production	Industrial	Parallel Input	5-50	7	0.5	SOP16,TSSOP16
TPM2001	Production	Industrial	Parallel Input	5-50	4	1	MSOP10

直流马达驱动

Part Number	Status	Rating	VIN(V)	Rdson(H+L)(Q)	Max Output Current(A)	# of Half Bridges	Temperature Range(°C)	Package
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
TPM16050	Production	Industrial	3-17	0.85	0.5	2	-40 to +125	SOT23-6

隔离栅极驱动

Part Number	Status	Rating	Isolation Rating(Vrms)	Feature	Channel	Peak Output Current(A)	Junction Temperature Range(°C)	Output Voltage Max(V)	Output Voltage Min(V)	Propagation Delay(ns)	Package
TPM23513	Preview	Industrial	5700	Opto-coupler compatible input	1	5/5	-40 to +150	40	14	70	WSOP6
TPM23513B	Preview	Industrial	5700	Opto-coupler compatible input, 8V UVLO	1	5/5	-40 to +150	40	10	70	WSOP6
TPM23514M	Preview	Industrial	5700	Opto-coupler compatible input, Miller Clamp	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514S	Preview	Industrial	5700	Opto-coupler compatible input, Split Output	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514D	Preview	Industrial	5700	Opto-coupler compatible input, Desat	1	5/5	-40 to +150	40	14	70	WSOP8
TPM23514V	Preview	Industrial	5700	Opto-coupler compatible input, Single Output	1	5/5	-40 to +150	40	14	70	WSOP8
TPM5350M	Preview	Industrial	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM5350BM	Preview	Industrial	5700	TTL input, Miller Clamp, 8V UVLO	1	5/5	-40 to +150	40	10	55	WSOP8
TPM5350S	Preview	Industrial	5700	TTL input, Split Output	1	5/5	-40 to +150	40	14	55	WSOP8
TPM5350BS	Preview	Industrial	5700	TTL input, Split Output, 8V UVLO	1	5/5	-40 to +150	40	10	55	WSOP8
TPM5350MQ	Preview	Automotive	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM21520Q	Preview	Automotive	5700	TTL input, Miller Clamp	1	5/5	-40 to +150	40	14	55	WSOP8
TPM21520	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	14	25	WSOP16
TPM215201	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	10	25	WSOP16
TPM215202	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	6	25	WSOP16
TPM215203	Preview	Industrial	5700	TTL input	2	4.5/6	-40 to +150	30	12	25	WSOP16
TPM81520	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	14	25	WSOP20
TPM815201	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	10	25	WSOP20
TPM815202	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	6	25	WSOP20
TPM815203	Preview	Industrial	5700	TTL input, MillerClamp	2	4.5/6	-40 to +150	30	12	25	WSOP20

Contact 3PEAK sales for more products information and samples.

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
TPM27523	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	SOP8,EMSOP8,DFN2X2-8,DFN3X3-8
TPM27524	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	SOP8,EMSOP8,DFN2X2-8,DFN3X3-8
TPM27525	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	SOP8,EMSOP8,DFN2X2-8,DFN3X3-8
TPM27526	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	SOP8,EMSOP8,DFN2X2-8,DFN3X3-8
TPM27524Q	Production	Automotive	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN2X2-8,EMSOP8,SOP8
TPM27517	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	N/A	SOT23-5
TPM44273	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	N/A	SOT23-5
TPM27217	Production	Industrial	4.5~23	1	2	-5~20	-40 to +150	8/9	18	N/A	SOT23-5
TPM27224	Production	Industrial	4.5~23	2	2	-5~20	-40 to +150	8/9	18	1	DFN2X2-8,SOP8
TPM27533	Production	Industrial	10~40	1	5	-5~27	-40 to +150	15/7	20	1	SOT23-5
TPM27201	Preview	Industrial	120	HS+LS	2.5/3.5	-5~20	-40 to +150	12/10	16	1	DFN4X4-8,EMSOP8,SOP8
TPM27221	Preview	Industrial	120	HS+LS	2.5/3.5	-5~20	-40 to +150	12/10	16	1	DFN4X4-8,EMSOP8,DFN4X4-10,SOP8
TPM27282	Preview	Industrial	120	HS+LS	2.5/3.5	-5~20	-40 to +150	12/10	16	1	DFN3X3-10,SOP8

宽压降压转换器

Part Number	Status	Rating	VIN(V)	Output(V)	Max Output Current(A)	Control Mode	Switching Frequency (kHz)	Feature	Temperature Range(°C)	Package
TPP60308	Production	Industrial	4.5~60	0.8~60	3.5	Peak Current Mode	100-2500	/	-40 to +125	ESOP8
TPP60506	Preview	Industrial	4.5~60	0.8~60	5	Peak Current Mode	100-2500	Softstart/Tracking	-40 to +125	ESOP8
TPP60508	Production	Industrial	4.5~60	0.8~60	5	Peak Current Mode	100-2500	Softstart/Tracking	-40 to +125	DFN4X4-10
TPP362080	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	PSM	-40 to +125	TSOT23-6
TPP362081	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	2200	PSM	-40 to +125	TSOT23-6
TPP362082	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	FPWM	-40 to +125	TSOT23-6
TPP362083	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	2200	FPWM	-40 to +125	TSOT23-6
TPP362084	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	1000	PSM	-40 to +125	TSOT23-6
TPP362085	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	1000	FPWM	-40 to +125	TSOT23-6
TPP363080	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	400	PSM	-40 to +125	TSOT23-6
TPP363081	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	1000	PSM	-40 to +125	TSOT23-6
TPP363082	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	400	FPWM	-40 to +125	TSOT23-6
TPP363083	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	1000	FPWM	-40 to +125	TSOT23-6
TPP302080	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	500	PSM	-40 to +125	TSOT23-6
TPP302081	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	2200	PSM	-40 to +125	TSOT23-6
TPP302082	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	500	FPWM	-40 to +125	TSOT23-6
TPP302083	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	2200	FPWM	-40 to +125	TSOT23-6
TPP302084	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	1000	PSM	-40 to +125	TSOT23-6
TPP302085	Production	Industrial	4.5~30	0.6~30	2	Peak Current Mode	1000	FPWM	-40 to +125	TSOT23-6
TPP361080	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	PSM	-40 to +125	TSOT23-6
TPP361081	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	PSM	-40 to +125	TSOT23-6
TPP361082	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	FPWM	-40 to +125	TSOT23-6
TPP361083	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	FPWM	-40 to +125	TSOT23-6
TPP361060	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	PSM	-40 to +125	TSOT23-6
TPP361061	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	PSM	-40 to +125	TSOT23-6
TPP361062	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	500	FPWM	-40 to +125	TSOT23-6
TPP361063	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	2200	FPWM	-40 to +125	TSOT23-6
TPP361064	Preview	Industrial	4.5~36	0.6~36	1	Peak Current Mode	1000	PSM	-40 to +125	TSOT23-6
TPP361065	Preview	Industrial	4.5~36	0.6~36	1	Peak Current Mode	1000	FPWM	-40 to +125	TSOT23-6

Contact 3PEAK sales for more products information and samples.

宽压降压转换器

Part Number	Status	Rating	VIN(V)	Output(V)	Max Output Current(A)	Control Mode	Switching Frequency (kHz)	Feature	Temperature Range(°C)	Package
TPP362070Q	Preview	Automotive	3~36	1~36	2	Peak Current Mode	400	6uA quiescent current	-40 to +125	QFN2X3-12
TPP362071Q	Preview	Automotive	3~36	1~36	2	Peak Current Mode	1400	6uA quiescent current	-40 to +125	QFN2X3-12
TPP362072Q	Preview	Automotive	3~36	1~36	2	Peak Current Mode	2200	6uA quiescent current	-40 to +125	QFN2X3-12
TPP363070Q	Preview	Automotive	3~36	1~36	3	Peak Current Mode	400	6uA quiescent current	-40 to +125	QFN2X3-12
TPP363071Q	Preview	Automotive	3~36	1~36	3	Peak Current Mode	1400	6uA quiescent current	-40 to +125	QFN2X3-12
TPP363072Q	Preview	Automotive	3~36	1~36	3	Peak Current Mode	2200	6uA quiescent current	-40 to +125	QFN2X3-12
TPP364090Q	Preview	Automotive	3~36	1~36	4	Peak Current Mode	200~2200	7uA quiescent current, Spread Spectrum, PSM	-40 to +125	QFN4X3.5-14
TPP364091Q	Preview	Automotive	3~36	1~36	4	Peak Current Mode	200~2200	7uA quiescent current, Spread Spectrum, FPWM	-40 to +125	QFN4X3.5-14
TPP364092Q	Preview	Automotive	3~36	1~36	4	Peak Current Mode	200~2200	7uA quiescent current, PSM	-40 to +125	QFN4X3.5-14
TPP366090Q	Preview	Automotive	3~36	1~36	6	Peak Current Mode	200~2200	7uA quiescent current, Spread Spectrum, PSM	-40 to +125	QFN4X3.5-14
TPP366091Q	Preview	Automotive	3~36	1~36	6	Peak Current Mode	200~2200	7uA quiescent current, Spread Spectrum, FPWM	-40 to +125	QFN4X3.5-14
TPP366092Q	Preview	Automotive	3~36	1~36	6	Peak Current Mode	200~2200	7uA quiescent current, PSM	-40 to +125	QFN4X3.5-14
TPP00031	Production	Industrial	4.5~100	1.225~100	300m	Constant On Time	1000	FPWM	-40 to +125	ESOP8
TPP00032	Production	Industrial	4.5~100	1.225~100	300m	Constant On Time	1000	PFM	-40 to +125	ESOP8

中压降压转换器

Part Number	Status	Rating	VIN(V)	Output(V)	Max Output Current(A)	Control Mode	Switching Frequency (kHz)	Feature	Temperature Range(°C)	Package
TPP206080	Production	Industrial	4.5~17	0.6~17	6	Peak Current Mode	200-1600	Softstart/Tracking	-40 to +125	QFN3.5X3.5-14
TPP206081	Production	Industrial	4.5~17	0.8~17	6	Peak Current Mode	200-1600	Softstart/Tracking	-40 to +125	QFN3.5X3.5-14
TPP2020	Production	Industrial	4.5~17	0.8~17	2	Constant On-time	500	/	-40 to +125	SOT23-6

低压降压转换器

Part Number	Status	Rating	VIN(V)	Output(V)	Max Output Current(A)	Control Mode	Temperature Range(°C)	Package
TPP05608	Production	Industrial	2.8~6	0.6~6	6	Peak Current Mode	-40 to +125	QFN3X3-16

Contact 3PEAK sales for more products information and samples.

升压转换器

Part Number	Status	Rating	VIN(V)	Output(V)	Max Input Current(A)	Temperature Range(°C)	Package
TPQ05100	Production	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051002	Preview	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051003	Production	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051004	Production	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051005	Preview	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051006	Preview	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ051007	Production	Industrial	0.9~5.5	1.8~5.5	0.6	-40 to +125	WLCSP,DFN2X2-6
TPQ80302	Production	Industrial	3.1~80	VIN-80	4	-40 to +125	QFN3.5X3.5-20
TPQ5055Q	Preview	Automotive	3~45	VIN-45	/	-40 to +125	DFN3X2-12
TPQ50551Q	Preview	Automotive	3~45	VIN-45	/	-40 to +125	DFN3X2-12
TPQ5057Q	Preview	Automotive	3~45	VIN-45	6	-40 to +125	QFN3X3-16
TPQ50571Q	Preview	Automotive	3~45	VIN-45	4	-40 to +125	QFN3X3-16

DrMos

Part Number	Status	Rating	VIN (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

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	1%	1000	4	6.8	-40 to +125	ESOP8,DFN2X2-8
TPB4056B	Production	Industrial	26.5	4.2	1%	1000	4	10.5	-40 to +125	ESOP8,EMSOP8

电池保护

Part Number	Status	Rating	VIN(V)	OV Threshold(V)	OV Threshold Accuracy (mV)	OV Delay (s)	Overcharge delay timer reset delay time (ms)	Shutdown Current (μA)	CTL Function	LDO Function	Package
TPB7462	Production	Industrial	28	4.5	±20	4	0.38	0.4 (max)	Avaiable	Avaiable	DFN2X2-8
TPB7461	Preview	Industrial	28	4.6	±20	6	0.38	0.4 (max)	not avaiable	Avaiable	DFN2X2-8
TPB7460	Preview	Industrial	28	4.6	±20	6	0.38	0.4 (max)	Avaiable	not avaiable	DFN1.97X2.46-8

高边驱动

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