



ANALOG PRODUCTS SELECTION GUIDE

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Amplifier & Special Function Circuits

High Voltage Op Amps (Vs > 10V)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Operating Temperature Range (°C)	Features	Package
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
LM2904A-Q100	Production	Industrial	2	3	36	300	0.9	0.5	No, to V- only	Yes	25	4	7	60	70	20	-40 to 125	AEC-Q100 Qualified	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	AEC-Q100 Qualified	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
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

Contact 3PEAK sales for more products information and samples.

High Voltage Op Amps (Vs > 10V)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Operating Temperature Range (°C)	Features	Package
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
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
TPA2644-Q100	Production	Industrial	4	3	36	550	1.5	0.5	No, to V- only	No	50	3	5	15000	50	1.6	-40 to 125	AEC-Q100 Qualified	SOP14
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	Low Ib	SOP8
TPA3662	Production	Industrial	2	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	-40 to 125	Zero Crossover	MSOP8,SOP8
TPA3664	Production	Industrial	4	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	-40 to 125	Zero Crossover	SOP14

Low Voltage Op Amps (Vs < 10V)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/ Disable	Operating Temperature Range (°C)	Package
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
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
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

Low Voltage Op Amps (Vs < 10V)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package
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-Q100	Production	Industrial	2	2.5	6	900	6	4.5	Yes	Yes	100	3	1	1	19	8	/	-40 to 125	MSOP8,SOP8
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
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

Low Voltage Op Amps (Vs < 10V)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package
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
TPA5602	Production	Industrial	2	2.5	5.5	2300	15	7	Yes	Yes	115	0.006	0.013	30	10	0.5	/	-40 to 125	SOP8
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
TPA6031	Production	Industrial	1	2.5	5.5	125	1.5	0.7	Yes	Yes	85	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	85	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	85	3	1	50	22	8	/	-40 to 125	SOP14,TSSOP14
TPA6061	Production	Industrial	1	2.5	5.5	1000	6	5	Yes	Yes	90	3	1	10	25	7	/	-40 to 125	SOT23-5
TPA6062	Production	Industrial	2	2.5	5.5	1000	6	5	Yes	Yes	90	3	1	10	25	7	/	-40 to 125	MSOP8,SOP8
TPA6064	Production	Industrial	4	2.5	5.5	1000	6	5	Yes	Yes	90	3	1	10	25	7	/	-40 to 125	SOP14,TSSOP14
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

Precision Op Amps (Vos <= 1mV)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown /Disable	Operating Temperature Range (°C)	Features	Package
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
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
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
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

Precision Op Amps (Vos <= 1mV)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown /Disable	Operating Temperature Range (°C)	Features	Package
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	Low Ib	SOP8
TPA3662	Production	Industrial	2	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	Zero Crossover	MSOP8,SOP8
TPA3664	Production	Industrial	4	2.7	16	1200	2.5	2	Yes	Yes	40	0.25	2	10	25	/	/	-40 to 125	Zero Crossover	SOP14
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
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

High Speed Op Amps (GBW >= 50MHz)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package
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

Low Power Op Amps (Iq Per Ch <= 50μA)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Shutdown/Disable	Operating Temperature Range (°C)	Package
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
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

Small Size Op Amps (DFN, QFN, Wafer-Level CSP)

Part Number	Status	Rating	Number of Channels	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq per channel (typ) (mA)	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 at 1 kHz (Typ) (nV/rtHz)	Peak Noise at 0.1 to 10Hz (μVpp)	Operating Temperature Range (°C)	Package
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
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
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
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

Isolated Amplifiers & Modulators

Part Number	Status	Rating	Product Family	Features	Input Range (V)	Insulation Rating (Vrms)	Package
TPA8000	Production	Industrial	Isolated Amplifer	G = 8, Differential Output	0.25	5000	SMP8,WSOP8
TPA8001	Production	Industrial	Isolated Amplifer	G = 8.2, Differential Output	0.25	5000	WSOP8
TPA8003	Production	Industrial	Isolated Amplifer	G = 1, Differential Output	2	5000	WSOP8
TPA8023	Production	Industrial	Isolated Amplifer	G = 1, Single End Output	2	3750	SOP8
TPA8101	Production	Industrial	Isolated Modulator	Clock In	0.25	5000	TSSOP8,WSOP8

Comparators

Part Number	Status	Rating	Output Type	Vs (Min) (V)	Number of Channels	Vs (max) (V)	Iq per channel (typ) (μA)	Propagation Delay (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)	Features	Package
LM2901A	Production	Industrial	Open-Drain	2	4	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	/	SOP14
LM2901A-Q100	Production	Industrial	Open-Drain	2.5	4	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	AEC-Q100 Qualified	SOP14,TSSOP14
LM2903	Production	Industrial	Open-Drain	2	2	40	740	300	3	60	To VSS	Yes	VCC-1.5	VSS	-40 to 125	MSOP8,SOP8,TSSOP8	SOP8
LM2903A	Production	Industrial	Open-Drain	2	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	/	MSOP8,SOP8
LM2903A-Q100	Production	Industrial	Open-Drain	2.5	2	36	100	500	7	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	AEC-Q100 Qualified	MSOP8,SOP8,TSSOP8
LM2903D	Production	Industrial	Open-Drain	3	2	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	-40 to 125	/	MSOP8,SOP8,TSSOP8
LM2903DQ	Production	Automotive	Open-Drain	3	2	36	400	600	7	25	To VSS	Yes	VCC-2	VSS	-40 to 125	/	SOP8
LM331A	Production	Industrial	Open-Drain	2	1	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	/	SOT23-5
LM339A	Production	Industrial	Open-Drain	2	4	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	/	SOP14,TSSOP14
LM393A	Production	Industrial	Open-Drain	2	2	36	150	500	6	0.1	To VSS	Yes	VCC-2	VSS	-40 to 125	/	DFN2X2-8,SOP8,TSSOP8
LMV331X	Production	Industrial	Open-Drain	2.5	1	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	SOT23-5,SOT353
LMV393X	Production	Industrial	Open-Drain	2.5	2	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	MSOP8,SOP8
TP2011	Production	Industrial	Push-Pull	1.6	1	5.5	0.4	14000	12	0.006	To VSS	Yes	VCC-1.5	VSS	-40 to 85	/	SOT23-5
TPA2031Q	Production	Automotive	Push-Pull	1.8	1	5.5	350	42	6	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	SOT23-5
TPCMP231	Production	Industrial	Push-Pull	2.7	1	5.5	450	40	2	0.05	Yes	Yes	VCC+0.2	VSS-0.2	-40 to 125	5V Comparator, 50ns,1ch	SOT23-5
TPCMP231Q	Production	Automotive	Push-Pull	1.8	1	5.5	350	42	6	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	Automotive 5V Comparator, 55ns,1ch	SOT23-5
TPCMP251	Production	Industrial	Push-Pull	2.5	1	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	SOT23-5,SOT353
TPCMP252	Production	Industrial	Push-Pull	2.5	2	5.5	50	120	4	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	MSOP8,SOP8
TPCMP271	Production	Industrial	Push-Pull	2.5	1	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	SOT23-5
TPCMP272	Production	Industrial	Push-Pull	2.5	2	5.5	650	10	10	0.03	Yes	Yes	VCC+0.1	VSS-0.1	-40 to 125	/	MSOP8,SOP8
TPCMP761	Production	Industrial	Open-Drain	2.5	1	36	300	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	/	SOT23-5
TPCMP762	Production	Industrial	Open-Drain	2.5	2	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	/	SOP8
TPCMP764	Production	Industrial	Open-Drain	2.5	4	36	150	300	6	0.2	To VSS	Yes	VCC-1.5	VSS	-40 to 125	/	SOP14,TSSOP14

Current-Sense Amplifiers

Part Number	Status	Rating	Features	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)	Number of Channels	Comparator	Package
TPA127	Production	Industrial	High-Side Variable Gain Current Sense Amplifier	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	1	0	SOT23-5
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
TPA1295	Production	Industrial	/	-0.1	70	<0.5	Bi-dir	110	500	G = 50	0.5	5	100	<210000	NO	3	18	1000	1	0	SOP8
TPA131C	Production	Industrial	HV, Unidirectional, Current-Sense Amplifier With Comparator	-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	1	MSOP8
TPA132	Production	Industrial	Bi-Directional Current-Sense Amplifier with PWM Rejection	-4	80	0.15	Bi-dir	130	1000 at G=20, 50, 100, 200; 500 at G=500;	G = 20, 50, 100, 200, 500	0.3	12	±100	1000	YES	3	5.5	4000	1	0	MSOP8,SOP8,TSOP8
TPA132Q	Production	Automotive	Automotive Bi-Directional Current-Sense Amplifier with PWM Rejection	-4	80	0.15	Bi-dir	130	1000 at G=20, 50, 100, 200; 500 at G=500;	G = 20, 50, 100, 200, 500	0.3	12	±100	1000	YES	3	5.5	4000	1	0	SOP8,TSSOP8
TPA133	Production	Industrial	95V Vcm, Bidirectional, Current-Sense Amplifier with PWM Rejection	-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	1	0	MSOP8,SOT23-8
TPA135	Production	Industrial	80V Vcm, Uni-directional, Current-Sense Amplifier with PWM Rejection	-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	1	0	SOT23-5
TPA158	Production	Industrial	3-V to 150-V VCM, 1 MHz, High-Precision, Current-Sense Amplifier	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	1	0	SOT23-5
TPA170C	Production	Industrial	36V, Overcurrent-Protection, Current Sense Comparator	0	30	1	Uni-dir	100	-	-	-	-	±850@Delay=50us	80	NO	2.7	5.5	310	1	1	DFN2X2-10
TPA183	Production	Industrial	Powered by input pin	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
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	SOT363
TPA2295C	Production	Industrial	Integrated comparator	-0.1	70	<0.5	Uni-dir	110	500	G = 20, 50, 100	0.5	5	500	<210000	NO	3	18	1000	1	1	MSOP8
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	<210000	NO	3	18	1000	1	0	SOT23-5,SOT23-6

Instrumentation Amplifiers

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

Difference Amplifiers

Part Number	Status	Rating	Features	Product Family	Supply Voltage (Min) (V)	Supply Voltage (Max) (V)	Iq (Max) (mA)	Bandwidth (Typ) (MHz)	Gain Setting (V/V)	Gain Error (Max) (%)	Input Range (V)	CMRR (Typ) (dB)	Package
TPA9151	Production	Industrial	Two reference pin.	Difference Amplifier	4.5	36	3	0.5	1	0.03	±275	90	SOP8
TPA9152	Production	Industrial	One reference pin.	Difference Amplifier	4.5	36	3	0.5	1	0.03	±275	90	SOP8
TPA9361	Production	Industrial	/	Difference Amplifier	4.5	36	2	3	1	0.05	-2 * (-VS) to 2 * [(+VS) - 1.5]	100	SOP8
TPA9363	Production	Industrial	/	Difference Amplifier	4.5	36	2	3	0.48	0.05	-3 * (-VS) to 3 * [(+VS) - 1.5]	100	SOP8

Logarithmic Amplifiers

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

Amplifiers with Voltage Reference

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
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

Matched Resistor Network

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
TPR8200	Production	Industrial	Matched Resistor Network	10k,10k,10k,10k	20	0.1	5	0.04	EMSOP8
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
TPR8611	Production	Industrial	Matched Resistor Network	60k,30k,30k,60k	150 for R1+R2	0.025	1	0.005	EMSOP8

Matched Resistor Network

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
TPR8612	Production	Industrial	Matched Resistor Network	100k,10k,10k,100k	150 for R1+R2	0.025	1	0.005	EMSOP8

Sensor Interface

Part Number	Status	Rating	VDD (V)	Description	Package
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

Battery Management

Linear Charger ICs

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

High Side Driver

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

Data Converter

Precision DAC

Part Number	Status	Rating	Resolution	VDD (V)	Number of Channels	Output Type	Reference Type	Settling Time (μS)	Architecture	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	12	2.7~5.5	1	Buffered Voltage	Ext	14	String	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC112S4	Production	Industrial	12	2.7~5.5	4	Buffered Voltage	Ext	14	String	±2	±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	±2	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC114S1	Production	Industrial	14	2.7~5.5	1	Buffered Voltage	Ext	14	String	±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	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	MSOP8
TPC116S4	Production	Industrial	16	2.7~5.5	4	Buffered Voltage	Ext	14	String	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC116S8	Production	Industrial	16	2.7~5.5	8	Buffered Voltage	Ext	14	String	±16	±1	±30	80	±0.3	0~Vref	2	SPI	-40 to +125	TSSOP16
TPC2160	Production	Industrial	16	2.7~5.5	1	Unbuffered Voltage	Ext	1	R-2R	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	DFN3X3-8,SOP8
TPC2161	Production	Industrial	16	2.7~5.5	1	Unbuffered Voltage	Ext	1	R-2R	±1	±1	±0.17	150	±0.011	0~Vref	10	SPI	-40 to +105	SOP14
TPC2182	Production	Industrial	12	10~65	4	Buffered Voltage	Int, Ext	30	String	±1	±1	±120	500	±0.6	0~30, 0~60	300	SPI	-40 to +125	TSSOP16
TPC2190	Production	Industrial	16	2.7~5.5	8	Buffered Voltage	Int, Ext	6	R-2R	±3	±1	±2.5	750	±0.1	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16
TPC2192	Production	Industrial	12	2.7~5.5	8	Buffered Voltage	Int, Ext	6	R-2R	±1	±1	±2.5	750	±0.1	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16,WLCSP
TPC2196	Production	Industrial	16	2.7~5.5	8	Buffered Voltage	Int, Ext	6	R-2R	±8	±1	±4	750	±0.2	0~Vref, 0~2*Vref	2.5	SPI	-40 to +125	QFN3X3-16
TPC2201	Production	Industrial	16	10~50	1	Buffered Voltage, Current	Int, Ext	8	R-2R	±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

Precision ADC

Part Number	Status	Rating	Resolution	VDD (V)	Number of Channels	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	±1	±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	±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
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
TPAFE51716H	Production	Industrial	16	4.75~5.25	1	1	SAR	Fully-Differential, Pseudo-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	TSSOP16

Precision ADC

Part Number	Status	Rating	Resolution	VDD (V)	Number of Channels	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
TPAFE51716S	Production	Industrial	16	4.75~5.25	1	0.1	SAR	Fully-Differential, Pseudo-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	TSSOP16
TPAFE51736S4	Production	Industrial	16	4.75~5.25	4	0.5	SAR	Fully-Differential, Pseudo-Differential	Multiplexed	±2	±0.99	±4	±17	±12.288, ±10.24, ±6.144, ±5.12, ±3.072, ±2.56, 0 - 12.288, 0 - 10.24, 0 - 6.144, 0 - 5.12	22	SPI	-40 to +125	TSSOP38
TPAFE51736S8	Production	Industrial	16	4.75~5.25	8	0.5	SAR	Fully-Differential, Pseudo-Differential	Multiplexed	±2	±0.99	±4	±17	±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	TSSOP38
TPAFE51760	Production	Industrial	16	4.75~5.25	16	1	SAR	Differential	Multiplexed, Simultaneous Sampling	±3	±0.99	±10	±60	±2.5, ±5, ±10	47.6	Parallel/SPI	-40 to +125	EVM
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	0~2.5, 0~5	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	0~2.5, 0~5	1.65	SPI	-40 to +125	EVM,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
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
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
TPC6160S	Production	Industrial	16	2.7~5.5	4	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	±1	/	±3.2	±16	±0.256, ±0.512, ±1.024, ±6.144 ±4.096, ±2.048,	4.2	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	MSOP10
TPC6200S	Production	Industrial	24	2.7~5.5	4	0.032	Sigma-Delta	Differential, Single-Ended	Multiplexed	±35ppm	/	±0.2mV	0.05%	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.6	SPI	-40 to +125	MSOP10
TPC6200SQ	Production	Automotive	24	2.7~5.5	4	0.032	Sigma-Delta	Differential, Single-Ended	Multiplexed	±35ppm	/	±0.2mV	0.05%	±6.144, ±4.096, ±2.048, ±1.024, ±0.512, ±0.256	4.6	SPI	-40 to +125	EVM,MSOP10
TPC6240	Production	Industrial	24	3~5.5	16	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	10ppmFSR	/	±0.18	±1700ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	EVM,QFN6X6-40
TPC62410	Production	Industrial	24	3~5.5	12	0.008	Sigma-Delta	Differential, Single-Ended	Multiplexed	10ppmFSR	/	±671	±1800ppm	-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	/	±2.6	±1800ppm	-Vref/Gain to Vref/Gain	2	SPI	-40 to +125	TQFP5X5-32

Current-Power Monitor

Part Number	Status	Features	Number of Channels	Resolution (Bits)	Rating	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	Bidirectional, Intergrated Power Monitor, Low-side Capable, Programmable Gain	12	12	Industrial	0~36	50	0.4	110	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10
TPA626	Production	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise	12	16	Industrial	0~36	30	0.4	SPI/I2C	5.5	2.7	1.1	I2C, SMBUS	-40 to +125	MSOP10
TPA6271	Production	Alert Function, Bidirectional, Intergrated Power Monitor, Low-side Capable, Ultra precise	1	16	Industrial	0~120	10	0.15	120	5.5	2.7	0.6	I2C, SMBUS	-40 to +125	MSOP10
TPA6290	Production	Alert and Warning Function, Configurable Averaging Options, Ultra precise	3	13	Industrial	0~36	10	0.05	110	5.5	2.7	0.65	I2C, SMBUS	-40 to +125	QFN4X4-16

Multi-channel Configurable ADC/DAC Converter

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	Features	Temperature Range (°C)	Package
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	21-channel,12bits ADC,sixteen 12-bits DACswith pro	-40 to +125	TQFP10X10-64
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	QFN3X3-16,WLCSP
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	WLCSP

Temperature Sensor

Part Number	Status	Rating	Type	Local Sensor Accuracy (°C) (max)	Temperature Resolution (Bits)	Features	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	MSOP8,SOP8

DCDC

Wide-Vin Buck Converters

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Features	Temperature Range (°C)	Package
TPP00031	Production	Industrial	4.5~100	1.225~100	0.3	Constant On Time	1000	FPWM	-40 to +125	DFN3X3-8,ESOP8
TPP00032	Production	Industrial	4.5~100	1.225~100	0.3	Constant On Time	1000	PFM	-40 to +125	DFN3X3-8,ESOP8
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
TPP303080	Production	Industrial	4.5~30	0.6~30	3	Peak Current Mode	400	PSM	-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	Production	Industrial	4.5~36	0.6~36	1	Peak Current Mode	1000	PSM	-40 to +125	TSOT23-6
TPP361065	Production	Industrial	4.5~36	0.6~36	1	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
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
TPP38002	Production	Industrial	4.5~36	0.6~36	2	Peak Current Mode	500	Isolated-Buck	-40 to +125	EVM,TSOT23-6
TPP38003	Production	Industrial	4.5~36	0.6~36	3	Peak Current Mode	400	Isolated-Buck	-40 to +125	TSOT23-6
TPP60308	Production	Industrial	4.5~60	0.8~60	3.5	Peak Current Mode	100-2500	/	-40 to +125	ESOP8

Contact 3PEAK sales for more products information and samples.

Wide-Vin Buck Converters

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Features	Temperature Range (°C)	Package
TPP60506	Production	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

Mid-Voltage Buck Converters

Part Number	Status	Rating	VIN (V)	Output (V)	Max Output Current (A)	Control Mode	Switching Frequency (kHz)	Features	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

Low-Voltage Buck Converters

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

DrMOS

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

Boost Converter

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
TPQ051003	Production	Industrial	0.9~5.5	1.8~5.5	/	-40 to +125	DFN2X2-6
TPQ051004	Production	Industrial	0.9~5.5	1.8~5.5	/	-40 to +125	DFN2X2-6
TPQ051007	Production	Industrial	0.9~5.5	1.8~5.5	/	-40 to +125	DFN2X2-6,WLCSP

Boost Converter

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
TPQ50551	Production	Industrial	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12
TPQ50551Q	Production	Automotive	3~45	VIN~45	External FET	-40 to +125	DFN3X2-12
TPQ50571	Production	Industrial	3~45	VIN~45	6.2	-40 to +125	QFN3X3-16
TPQ50571Q	Production	Automotive	3~45	VIN~45	6.2	-40 to +125	QFN3X3-16
TPQ5180	Production	Industrial	4.5~75	Isolated Output	1.5	-40 to +125	DFN4X4-8
TPQ5180Q	Production	Automotive	4.5~75	Isolated Output	1.5	-40 to +125	DFN4X4-8
TPQ5181Q	Production	Automotive	4.5~60	Isolated Output	2.1	-40 to +125	DFN4X4-8
TPQ80302	Production	Industrial	3.1~80	VIN~80	4	-40 to +125	QFN3.5X3.5-20

PoE

Part Number	Status	Rating	VIN (V)	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	Special Features	Package
TPE15017	Production	Industrial	24~57	-40 to +125	0.56	802.3af	460	Converter	Flyback	0.36/0.78	200 - 700	74	Hiccup	EMI Reduction with Frequency Dithering,Active-Clam	QFN3X4-19

Isolated Power Supply

Part Number	Status	Rating	VIN (V)	Max Output Current (A)	Topology	Regulation	Switching Frequency (kHz)	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

Drivers

DC Motor Drivers

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

Stepper Motor Drivers

Part Number	Status	Rating	VIN (V)	Number of Channels	Max Output Current (A)	Features	Package
TPM0596	Production	Industrial	5~50	8	0.5	Shift Register	TSSOP16
TPM0596C	Production	Industrial	5~50	8	0.5	Shift Register	TSSOP16
TPM2003	Production	Industrial	5~50	7	0.5	Parallel Input	SOP16,TSSOP16
TPM2003C	Production	Industrial	5~50	7	0.5	Parallel Input	SOP16
TPM6501	Production	Industrial	2.5~25	2	1	Push-pull transformer driver for isolated power, Spread Spectrum	SOT23-5
TPM6505Q	Production	Automotive	2.5~25	2	1	Push-pull transformer driver for isolated power, Spread Spectrum, EN, CLK	SOT23-6
TPM8803	Production	Industrial	5~48	4	3	Short Protection	ETSSOP16,EVM
TPM8860	Production	Industrial	5~48	8	1.5	Shift-Register Interface, Open-Load, Short Protection	ETSSOP16,EVM,TSSOP16
TPM8866	Production	Industrial	5~48	8	1.5	Shift-Register Interface, Open-Load, Short Protection, Fault Mask, CRC	ETSSOP24,EVM

Isolated Gate Drivers

Part Number	Status	Rating	Isolation Rating	Isolation Rating (Vrms)	Number of Channels	Input	Driver UVLO Threshold Typ (V)	Peak Output Current (A)	Features	Output Voltage Max (V)	Output Voltage Min (V)	Propagation Delay (ns)	Junction Temperature Range (°C)	Package
TPM23513	Production	Industrial	Reinforced	5700	1	Opto-coupler compatible	12.5	4.5/5	Opto-coupler compatible input	40	14	70	-40 to +150	EVM,WSOP6
TPM23513B	Production	Industrial	Reinforced	5700	1	Opto-coupler compatible	8.95	4.5/5	Opto-coupler compatible input, 8V UVLO	40	10	70	-40 to +150	WSOP6

Non-isolated Gate Drivers

Part Number	Status	Rating	VIN (V)	Number of Channels	Max Output Current (A)	Input 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
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
TPM27517	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	N/A	SOT23-5
TPM27523	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	EMSOP8,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
TPM27525	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	SOP8
TPM27526	Production	Industrial	4.5~25	2	5	-5~20	-40 to +150	7/6	14	<1	DFN3X3-8
TPM27533	Production	Industrial	10~40	1	5	-5~36	-40 to +150	15/7	20	1	SOT23-5
TPM44273	Production	Industrial	4.5~25	1	5	-5~20	-40 to +150	7/6	14	N/A	SOT23-5

Interface

High Voltage Switch

Part Number	Status	Number of Channels	Switch Config	Rating	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	1	8:1	Industrial	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	2	4:1	Industrial	3	12	3	12	-6	0	VEE to VDD	200	8	60	400	2	0.8	60	50	SOP16,TSSOP16
TPW4053	Production	3	2:1	Industrial	3	12	3	12	-6	0	VEE to VDD	200	8	60	400	2	0.8	60	50	SOP16,TSSOP16
TPW4054	Production	1	4:1	Industrial	3	12	3	12	/	/	0V to VDD	200	8	60	400	2	0.8	60	50	MSOP10
TPW4066	Production	4	1:1	Industrial	3	12	3	12	/	/	0V to VDD	200	8	60	400	2	0.8	60	50	SOP14,TSSOP14
TPW4425	Production	4	2:1	Industrial	3	16	3	16	-8	0	VEE to VDD	150	0.1	4	100	1.5	0.5	320	130	QFN4X4-20

Low Voltage Switch

Part Number	Status	Number of Channels	Rating	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	2	Industrial	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
TPW3115	Production	1	Industrial	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	1	Industrial	2:1	1.65	5.5	0V to VCC	250	0.3	5	10	1.42	0.7	100	100	SOT363
TPW3157A	Production	1	Industrial	2:1	1.65	5.5	0V to VCC	100	0.3	2	10	2.4	0.8	40	15	SOT363
TPW3188Q	Production	1	Automotive	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	2	Industrial	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	2	Industrial	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	4	Industrial	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	1	Industrial	2:1	1.65	5.5	0V to VCC	100	0.3	1.15	10	2.4	0.8	40	15	SOT23-6,SOT363

Level Shift

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)	Operating Temperature Range (°C)	Package
TPT24857	Production	Industrial	7	7	1.1	3.6	208000	7	8	-40 to +85	WLCSP
TPT29306	Production	Industrial	1	1	1.2	5.5	1000	1	4	-40 to +85	DFN1.4X1-8,DFN3X4-8,MSOP8,VSSOP8
TPT29336	Production	Industrial	1	1	1.2	5.5	12500	1	4	-40 to +125	MSOP8,SOT23-8,VSSOP8

Level Shift

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)	Operating Temperature Range (°C)	Package
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

IO Expander

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)	Operating Temperature Range (°C)	Package
TPT29536A	Production	Industrial	2	4	1.65	5.5	400	0.03	3	-40 to +105	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
TPT29548	Production	Industrial	1	8	2.5	5.5	400	0.03	3.5	-40 to +85	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 +105	TSSOP16
TPT29555A	Production	Industrial	2	16	1.65	5.5	400	0.03	4	-40 to +85	TSSOP24

CAN

Part Number	Status	Rating	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Mbps)	Number of Channels	Features	BUS Contact ESD (kV)	Package
TPT1042	Production	Industrial	CAN, CAN FD	4.5 to 5.5	-70 to +70	5	1	Standby	15	DFN3X3-8
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	SOP14
TPT1044Q	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Standby	8	SOP8
TPT1044VQ	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Standby, VIO	8	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
TPT1057Q	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Silent	8	DFN3X3-8,SOP8
TPT1057VQ	Production	Automotive	CAN, CAN FD	4.5 to 5.5	-45 to +45	8	1	Silent, VIO	8	DFN3X3-8

CAN

Part Number	Status	Rating	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Max Data Rate (Mbps)	Number of Channels	Features	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
TPT1334	Production	Industrial	CAN, CAN FD	3 to 3.6	-45 to +45	5	1	Standby, Shut down	6	SOP8,SOT23-8
TPT1462Q	Production	Automotive	CAN, CAN FD, CAN FD SIC	4.5 to 5.5	-45 to +45	8	1	Standby	8	SOP8
TPT1462VQ	Production	Automotive	CAN, CAN FD, CAN FD SIC	4.5 to 5.5	-45 to +45	8	1	Standby, VIO	8	DFN3X3-8,SOP8

LIN

Part Number	Status	Rating	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Data Rate (Max) (kBPS)	Number of Channels	Features	BUS Contact ESD (kV)	Package
TPT1021EQ	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	1	INH pin, WAKE pin	15	DFN3X3-8,SOP8
TPT1021Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	1	INH pin, WAKE pin	15	DFN3X3-8,SOP8
TPT1022Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	2	SLP pin	8	DFN4.5X3-14,SOP14
TPT1024Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	4	SLP pin	8	QFN5.5X3.5-24
TPT10283Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	1	3.3V LDO	15	DFN3X3-8,SOP8
TPT10285Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	1	5V LDO	15	DFN3X3-8,ESOP8,SOP8
TPT1029Q	Production	Automotive	LIN	5.5 to 40	-45 to +45	20	1		15	DFN3X3-8,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
TPT3122EH	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

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
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
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	Protocol	Supply Voltage (V)	Bus Fault Protection Voltage (V)	Data Rate (Max) (kBPS)	Number of Channels	Features	BUS Contact ESD (kV)	Package
TPT10283Q	Production	Automotive	LIN, SBC	5.5 to 40	\u221245 to +45	20	1	Integrated LDO	15	DFN3X3-8,SOP8
TPT10285Q	Production	Automotive	LIN, SBC	5.5 to 40	\u221245 to +45	20	1	Integrated LDO	15	DFN3X3-8,ESOP8,SOP8

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

High Speed Mux

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 (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	VCC	2:1 SPDT	-40 to 125	QFN2.5X4.5-20

Isolation

Digital Isolators

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
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,WSOP8
TPT7721	Production	Industrial	2/1	5000	10000	200	150	150	High	SOP8,WSOP16,WSOP8
TPT7721F	Production	Industrial	2/1	5000	10000	200	150	150	Low	SOP8,WSOP16,WSOP8
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	4/1	5000	10000	200	150	150	High	QSOP16,SOP16,WSOP16
TPT7741F	Production	Industrial	4/1	5000	10000	200	150	150	Low	QSOP16,SOP16,WSOP16
TPT7742	Production	Industrial	4/2	5000	10000	200	150	150	High	QSOP16,WSOP16
TPT7742F	Production	Industrial	4/2	5000	10000	200	150	150	Low	QSOP16,SOP16

Isolated Power Supply

Part Number	Status	Rating	VIN (V)	Max Output Current (A)	Topology	Regulation	Switching Frequency (kHz)	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

ISO-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 Duplex	WSOP16
TPT7482	Production	Industrial	5000	10000	200	150	20	Full Duplex	WSOP16
TPT7487	Production	Industrial	5000	10000	200	150	0.5	Half Duplex	WSOP16
TPT7488	Production	Industrial	5000	10000	200	150	0.5	Full Duplex	WSOP16

ISO-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 (V)	Package
TPT71044	Production	Industrial	5000	10000	200	150	5	42V	WSOP16,WSOP8
TPT71050	Production	Industrial	5000	10000	200	150	5	42V	SMP8,WSOP16

ISO-I2C

Part Number	Status	Rating	Isolation Rating (Vrms)	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

Isolated Amplifiers & Modulators

Part Number	Status	Rating	Product Family	Features	Input Range (V)	Insulation Rating (Vrms)	Package
TPA8000	Production	Industrial	Isolated Amplifer	G = 8, Differential Output	0.25	5000	SMP8,WSOP8
TPA8001	Production	Industrial	Isolated Amplifer	G = 8.2, Differential Output	0.25	5000	WSOP8
TPA8003	Production	Industrial	Isolated Amplifer	G = 1, Differential Output	2	5000	WSOP8
TPA8023	Production	Industrial	Isolated Amplifer	G = 1, Single End Output	2	3750	SOP8
TPA8101	Production	Industrial	Isolated Modulator	Clock In	0.25	5000	TSSOP8,WSOP8

Isolated Gate Drivers

Part Number	Status	Rating	Isolation Rating (Vrms)	Number of Channels	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	5/5	Opto-coupler compatible input	40	14	70	-40 to +150	EVM,WSOP6
TPM23513B	Production	Industrial	5700	1	5/5	Opto-coupler compatible input, 8V UVLO	40	10	70	-40 to +150	WSOP6

LDO & Voltage Reference

Low Voltage LDO

Part Number	Status	Rating	Minimum Input Voltage (V)	Maximum Input Voltage (V)	Output Voltage (V)	Accuracy (max)	Max Output Current (mA)	Iq (typ) (mA)	Dropout (typ) (mV)	PSRR @ 1kHz (dB)	Noise (μVRMS)	Temperature Range (°C)	Features	Package
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	AEC-Q100 Qualified	SOT23-5
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
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,EVM
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

High Voltage LDO

Part Number	Status	Rating	Minimum Input Voltage (V)	Maximum Input Voltage (V)	Output Voltage (V)	Accuracy (max)	Max 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,EVM
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,EVM
TPL8035Q	Production	Automotive	3	42	Fixed (3.3, 5)	±2%	300	0.003	440	65	/	-40 to +150	DFN3X3-8,EMSOP8
TPL8051Q	Production	Automotive	4	42	Adjustable (1.2 to 18)	±2%	450	5	700	50	-	-40 to +125	DFN3X3-8
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,EVM
TPL8602Q	Production	Automotive	3.5	42	Adjustable (1.5 to 18)	±4mV	250	0.05	340	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

Shunt Voltage Reference

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)	Features	Package
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
TPR6040-S	Production	Industrial	Fixed (2.048, 2.5, 3.0, 3.3, 4.096, 5.0)	0.15	15	0.001	25	90	Any Load	Q100 Qualified	SOT23G-3

Series Voltage Reference

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)	Features	Package
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	AEC-Q100 Qualified	QFN1.5X1.5-8,SOT23G-3
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

Power Switches

Efuses

Part Number	Status	Rating	Minimum Operating Voltage (V)	Maximum Operating Voltage (V)	Ron (typ) (mΩ)	Number of Channels	Current Limit Type	Minimum Current Limit (mA)	Maximum Current Limit (mA)	Current Limit Accuracy	Temperature Range (°C)	Package
TPS05P50	Production	Industrial	4.5	5.5	27	1	Adjustable	2000	5000	±15%	-40 to +125	DFN3X3-10
TPS14P50	Production	Industrial	4.5	14	27	1	Adjustable	2000	5000	±15%	-40 to +125	DFN3X3-10,EVM

Ideal Diode/ORing Controllers

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

Load Switches

Part Number	Status	Rating	Function	Number of Channels	Vin (min)	Vin (Max)	I _{max}	R _{dson}	Shutdown Current	Quiescent current	Soft Start	Features	Package
TPS05S60	Production	Industrial	Load Switch	1	2.5	5.5	6	13	1.27	230	Y	Build-in SS & Inrush control, reverse current protection	DFN3X3-10

Supervisors

Power Sequencer

Part Number	Status	Rating	VCC (V)	Power-up Sequence Control	Output Voltage (V)	Number of Channels	Junction Temperature Range (°C)	Package
TPK1031	Production	Industrial	2.7 ~ 5.5	FLAG1->FLAG2->FLAG3	0 ~ VCC	3	-40 to +125	MSOP8
TPK1032	Production	Industrial	2.7 ~ 5.5	FLAG1->FLAG2->FLAG3	0 ~ VCC	3	-40 to +125	SOT23-6

Reset ICs

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

Reset ICs with Watchdog

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
TPV710	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

Logic & Voltage Translation

Auto Detection

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