

	Operating Voltage Range V(pk) °C	Max. On-State Resistance @25°C Ω (AC/DC)	Max. Load Current @ 40°C AC/DC (mA)	Nominal Control Current (DC) (mA)	Minimum Off-State Resistance Ω	Dielectric Strength V _(RMS) Input/Output	Max. Response Time On/Off (μs)	Max. Thermal Offset Voltage @5mA Control (μV)
422	8/DIL to +401	35/35	120/120	2	0.32G	4000	2000/2000	
612	6/DIL to +60	0.5/0.15	1000/2	10	1000G	4000	2000/500	
1354	4/DIL-8 +100	—/—	315/315	5	10G	2500	300/50	0.2
1354	4/DIL-8 +100	—/1.5	500/500	5	10G	2500	300/50	0.2
3054	4/DIL-8 to +300	160/—	40/40	5	10G	2500	25/15	0.2
3354	4/DIL-8 to +300	24/—	130/130	5	10G	2500	100/50	0.2
3354	4/DIL-8 to +300	24/—	130/130	5	10G	2500	100/50	0.2
60124	DIL-14 to +400	—/—	1/1	5	0.04G	3750	7000/1000	

Mfrs. List No.	Price Each	1+	25+	100+
PVT422PBF	910-3953	312.00	224.00	171.00
PVG612	735-279	351.00	238.00	204.00
PVA1354NPBF	910-3988	390.00	280.00	213.00
PVD1354NPBF	910-3996	413.00	296.00	226.00
PVA3054NPBF	910-3848	390.00	280.00	213.00
PVA3354N	360-7318	390.00	280.00	213.00
PVA3354NPBF	910-4070	390.00	280.00	213.00
PVX6012PBF	910-3961	652.00	468.00	354.00

Power Supply ICs

224011/410990

Mfr.	PinsPkg	Description
1	ST 8 DIL	Automatic Voltage Switch Controller
10	ST 3 TO-220	Autorange Triac Switch
10	ST 3 TO-220	Autorange Triac Switch
12	ST 8 DIL	SMPS Primary IC, a PWM circuit with high voltage Power MOSFET.
12	ST 8 SOIC	SMPS Primary IC, a PWM circuit with high voltage Power MOSFET.
20	ST 5 Pentawatt	SMPS Primary IC, a PWM circuit with Vertical Power MOSFET (600V, 0.5A)
20	ST 8 DIL	SMPS Primary IC
20	ST 5 Pentawatt	SMPS Primary IC, a PWM circuit with Vertical Power MOSFET (600V, 0.5A)
22	ST 8 DIL	Low Power Offline SMPS Primary Switch
22	ST 8 SOIC	Low Power Offline SMPS Primary Switch
28	TI 8 SOIC	BiCMOS Current Mode PWM Controller
38	TI 8 SOIC	Current Mode PWM
38	TI 8 SOIC	Current Mode PWM
38	TI 8 SOIC	PWM Controller, BiCMOS Low Power Current Mode
38	TI 8 SOIC	PWM Controller, BiCMOS Low Power Current Mode
50	ST 5 Pentawatt HV	SMPS Primary IC
53	ST 8 DIL	Offline SMPS Primary Switch
54	MCHIP 3 TO-92	Ultra Low Power, Open-drain Output, 4.3V Voltage Detector
54	MCHIP 3 TO-92	Ultra Low Power, Open-drain Output, 2.7V Voltage Detector
61	TOR 3 SOT-23	2.0V CMOS Standard Voltage Detector
61	TOR 4 SSOT-24	2.0V CMOS Standard Voltage Detector
61	TOR 3 SOT-23	4.5V CMOS Standard Voltage Detector
61	TOR 4 SSOT-24	4.5V CMOS Standard Voltage Detector
61	TOR 3 SOT-23	3.0V N-channel, Open-Drain Output, Standard Voltage Detector
61	TOR 4 SSOT-24	3.0V N-channel, Open-Drain Output, Standard Voltage Detector
78	NSC 16 DIL	Switching Regulator Sub-System. +2.5V to 40V, 1.5A
100	ST 5 Pentawatt HV	SMPS Primary IC
100	ST 5 Pentawatt HV	SMPS Primary IC
100	ZET 8 SOIC	Single-Cell DC/DC Converter
100	ZET 8 SOIC	Single-Cell DC/DC Converter
101	ST 8 DIL	Dual, Op-Amp with Ored output, Voltage Reference and Current generator
103	TI 8 SOIC	PWM Low Side Solenoid Driver, 1.5A/3A
103	TI 8 HSOP	PWM Low Side Solenoid Driver, 1.5A/3A
103	TI 8 HSOP	PWM Low Side Solenoid Driver, 1.5A/3A
137	ST 3 TO-220	Positive Voltage Regulator For Battery Charger
253	MAX 8 SOIC	Oscillator/Power Driver for Isolated RS485/RS422
296	ST 15 Multiwatt	4A Switching Regulator. Voltage range 5.1V to 40V
296	ST 15 Multiwatt	4A Switching Regulator. Voltage range 5.1V to 40V
334	ST 3 TO-92	3 Terminal Adjustable Current Source
334	ST 3 TO-92	3 Terminal Adjustable Current Source
334	NSC 3 TO-46	3 Terminal Adjustable Current Source - Programmable from 1μA to 10mA. 1V to 40V operation
334	NSC 8 SOIC	3 Terminal Adjustable Current Source - Programmable from 1μA to 10mA. 1V to 40V operation
334	NSC 3 TO-92	3 Terminal Adjustable Current Source - Programmable from 1μA to 10mA. 1V to 40V operation
431	TI 8 SOIC	Low voltage Adjustable precision shunt regulator - Vref tol 1%
431	TI 8 SOIC	Low voltage Adjustable precision shunt regulator - Vref tol 1.5%
472	MAX 8 SOIC	High-Side Current-Sense Amplifier
494	TI 16 DIL	Switched Mode Controller (Pulse Width Modulator) Push-Pull. On-chip oscillator, error amplifier and 5V reference
494	TI 16 DIL	Switched Mode Controller (Pulse Width Modulator) Push-Pull. On-chip oscillator, error amplifier and 5V reference
494	TI 16 SOIC	Pulse-Width-Modulation (PWM) Control Circuit
494	TI 16 SOIC	Pulse-Width-Modulation (PWM) Control Circuit
494	TI 16 DIL	Pulse-Width-Modulation (PWM) Control Circuit
497	TI 14 DIL	500mA Switching Regulator
497	TI 14 DIL	500mA Switching Regulator
591	TI 32 HLQFP	High Efficiency PWM Power Driver
591	TI 32 HLQFP	High Efficiency PWM Power Driver
593	TI 32 HLQFP	HIGH Efficiency PWM Power Driver
593	TI 32 HLQFP	HIGH Efficiency PWM Power Driver
608	MAX 8 DIL	5V (adjustable), Step-Up DC-DC Controller. Input 1.8V to 16.5V
619	MAX 8 DIL	5V, Step-Up Charge-Pump DC-DC Converter. Input 2V to 3.6V
629	MAX 8 SOIC	28V, Low Power, High Voltage Boost or Inverting DC/DC Converter
631	MAX 8 DIL	+5V (adjustable) CMOS Step-Up Switching Regulator
638	MAX 8 DIL	+5V (adjustable) CMOS Step-Down Switching Regulator
639	MAX 8 DIL	5.5V to 11.5Vin/5V or adjustable out, Step-Down Switching Regulator
639	MAX 8 SOIC	5.5V to 11.5Vin/5V or adjustable output, Step-down Switching Regulator
641	MAX 8 DIL	+5V (adjustable) CMOS, 10W Step-Up Switching Regulator
641	MAX 8 SOIC	+5V (adjustable) CMOS, 10W, Step up Switching Regulator, 5% O/P accuracy
660	MAX 8 DIL	CMOS Voltage Converter, operates 1.5 to 5.5V (high current ICL7660 upgrade)
660	NSC 8 SOIC	CMOS, Voltage inverter/doubler, operates 1.5 to 5.5V, high output current
660	MAX 8 SOIC	CMOS Voltage Converter, operates 1.5 to 5.5V (high current ICL7660 upgrade)
662	MAX 8 DIL	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories
662	MAX 8 SOIC	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories
662	MAX 8 SOIC	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories. (IND TEMP)
667	MAX 8 DIL	+5V / programmable low dropout voltage regulator with 250mA output current
667	MAX 8 SOIC	5V, Programmable LDO Voltage Regulator (IND TEMP)
668	MAX 10 SOIC	PWM Step-up Controller (IND TEMP)
680	MAX 8 DIL	CMOS, Dual Output Voltage Converter, +5V to ±10V
680	MAX 8 SOIC	CMOS, Dual Output Voltage Converter, +5V to ±10V

Mfrs. List No.	Order Code	1+	25+	100+	250+	+
E-AVS1ACP08	113-2005	321.00	246.00	211.00	162.00	--
AVS10CBI	571-520	137.00	105.00	90.00	78.00	--
AVS10CBI	975-6477	137.00	105.00	90.00	69.00	--
VIPER12ADIP-E	988-2901	104.00	80.00	68.00	56.00	--
VIPER12AS-E	988-2910	94.00	72.00	62.00	47.00	--
VIPER20	162-875	177.00	136.00	116.00	95.00	--
VIPER20ADIP-E	107-7239	151.00	100.00	86.00	81.00	--
VIPER20-E	109-4430	183.00	140.00	120.00	92.00	--
VIPER22ADIP-E	107-7240	169.00	130.00	112.00	86.00	--
VIPER22AS-E	107-7241	156.00	119.00	102.00	79.00	--
UCC28C43D	110-6067	106.00	81.00	60.00	51.00	--
UCC38C43DG4	120-7251	98.00	76.00	56.00	48.00	--
UCC38C44DG4	120-7252	98.00	76.00	56.00	48.00	--
UCC38C42DG4	121-4414	114.00	94.00	70.00	60.00	--
UCC38C42D	442-0056	98.00	80.00	65.00	60.00	--
VIPER50A-E	107-7242	277.00	212.00	182.00	140.00	--
VIPER53DIP-E	107-7243	266.00	203.00	174.00	134.00	--
TC54VN4302EZB	119-6831	28.00	22.00	20.00	--	--
TC54VN2702EZB	121-3078	28.00	22.00	20.00	--	--
XC61CC2002MRN	105-7787	41.00	36.00	29.00	--	--
XC61CC2002NRN	105-7788	41.00	36.00	29.00	--	--
XC61CC4502MRN	105-7791	41.00	36.00	29.00	--	--
XC61CC4502NRN	105-7792	41.00	36.00	29.00	--	--
XC61CN3002MRN	105-7793	41.00	36.00	29.00	--	--
XC61CN3002NRN	105-7794	41.00	36.00	29.00	--	--
LM78S40CN	948-8049	101.00	71.00	52.00	--	--
VIPER100-E	107-7237	257.00	197.00	169.00	146.00	--
VIPER100A-E	107-7238	285.00	218.00	188.00	144.00	--
ZXSC100N8TA	113-2759	131.00	98.00	65.00	52.00	--
ZXSC100N8TA	384-7962	131.00	98.00	65.00	55.00	--
TSM101CN	101-527	40.00	30.00	24.00	22.00	--
DRV103UG4	120-6892	203.00	155.00	118.00	104.00	--
DRV103H	121-2388	234.00	179.00	137.00	120.00	--
DRV103H	846-6513	236.00	180.00	138.00	121.00	--
PB137ACV	109-5402	51.00	39.00	34.00	26.00	--
MAX253CSA+	972-4680	185.00	142.00	96.00	--	--
L296	407-987	396.00	303.00	257.00	213.00	--
L296	109-4207	396.00	303.00	242.00	190.00	--
LM334Z	408-025	76.00	58.00	50.00	43.00	--
LM334Z	109-4249	76.00	58.00	50.00	41.00	--
LM334H	121-6165	215.00	163.00	122.00	--	--
LM334M	948-8057	65.00	48.00	34.00	--	--
LM334Z	948-8065	65.00	48.00	34.00	--	--
TLV431AID	110-3114	36.00	26.00	19.00	13.00	--
TLV431CDBV	110-6062	48.00	34.00	26.00	17.00	--
MAX472ESA+	972-5563	372.00	284.00	218.00	--	--
TL494CN..	408-037	56.00	45.00	35.00	24.00	--
TL494CN	110-6036	29.00	21.00	16.00	11.00	--
TL494CDG4	959-3624	49.00	39.00	31.00	21.00	--
TL494IDG4	959-3632	42.00	30.00	23.00	15.00	--
TL494ING4	959-3640	42.00	30.00	22.00	15.00	--
TL497ACN..	408-062	210.00	161.00	123.00	108.00	--
TL497ACN	110-6037	91.00	81.00	63.00	44.00	--
DRV591VFP	121-2390	592.00	509.00	439.00	395.00	--
DRV591VFP..	846-6599	585.00	502.00	460.00	438.00	--
DRV593VFPR	121-2391	555.00	477.00	411.00	370.00	--
DRV593VFPR.	846-6610	496.00	453.00	414.00	372.00	--
MAX608EPA	787-528	222.00	170.00	122.00	--	--
MAX619CPA	702-614	222.00	170.00	130.00	--	--
MAX629ESA+	972-5679	439.00	336.00	228.00	--	--
MAX631ACPA	246-475	349.00	267.00	204.00	--	--
MAX638ACPA+	118-7930	349.00	267.00	181.00	--	--
MAX639CPA	459-604	398.00	305.00	232.00	--	--
MAX639CSA+	972-5008	489.00	374.00	254.00	--	--
MAX641ACPA	246-487	396.00	303.00	231.00	--	--
MAX641ACSA+	118-7955	463.00	354.00	240.00	--	--
MAX660CPA+	118-7928	445.00	340.00	231.00	--	--
MAX660M	948-6291	108.00	75.00	54.00	--	--
MAX660CSA+	972-4672	474.00	363.00	276.00	--	--
MAX662ACPA+	118-7942	265.00	202.00	137.00	--	--
MAX662ACSA+	972-4605	269.00	206.00	140.00	--	--
MAX662AESA+	972-4613	374.00	286.00	218.00	--	--
MAX667CPA+	118-7967	407.00	311.00	211.00	--	--
MAX667ESA+	972-5695	541.00	434.00	294.00	--	--
MAX668EUB+	972-5709	316.00	248.00	168.00	--	--
MAX680CPA+	118-7929	254.00	194.00	132.00	--	--
MAX680CSA+	972-5717	333.00	255.00	173.00	--	--

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