

Power Supply ICs

SEM125

	Mftr.	Pins	Description	Mftrs. List No.	Order Code	Price Each				
						1+	10+	100+	250+	500+
1	ST	8	Automatic Voltage Switch Controller.....	AVS1ACP08	.562-531					
1	ST	14	Driver IC, complements the Switch (EFS11ACD = 163-077, part of Starlight-kit 2-chip set).....	EFS1ACD	SMD 163-090					
2	ST	14	Driver IC, complements the Switch (EFS21ACD = 163-089, part of Starlight-kit 2-chip set).....	EFS2ACD	SMD 163-107					
10	ST	3/TO-220	Autorange Triac Switch.....	AVS10CBI	.571-520					
11	ST	5/P-watt	Bi-directional Power Switch for flourescent lamp ignition, 36 to 58W range, complements the driver (EFS1ACD = 163-090, part of Starlight 2-chip set).....	EFS11-T5	163-077					
20	ST	5/P-watt	SMPS Primary IC, a PWM circuit with Vertical Power MOSFET (600V, 0.5A)	VIPER20	162-875					
21	ST	5/P-watt	Bi-directional Power Switch for flourescent lamp ignition, 18 to 70W range, complements the driver (EFS2ACD = 163-107, part of Starlight 2-chip set).....	EFS21-T5	163-089					
30	ST	8	Low Dropout Voltage Regulator Driver.....	LPR30N	SMD 162-899					
54	TEL	3/TO-92	Ultra Low Power, CMOS Output, 2.7V Voltage Detector.....	TC54VC2702EZB	.633-276					
54	TEL	3/TO-92	Ultra Low Power, Open-drain Output, 2.7V Voltage Detector.....	TC54VN2702EZB	.633-288					
54	TEL	3/TO-92	Ultra Low Power, Open-drain Output, 4.3V Voltage Detector.....	TC54VN4302EZB	.633-264					
78	NSC	16	Switching Regulator Sub-System. +2.5V to 40V, 1.5A.....	LM78S40CN	407-951					
78	ON	16	Switching Regulator Sub-System. +2.5V to 40V, 1.5A.....	UA78S40PC	.642-265					
101	ST	8	Voltage and Current Controller incorpoating Voltage Reference, 2 Ore Amps and Current Source.....	TSM101CN	101-527.					
110	BB	16	Precision Voltage-to-Current Converter. Can convert standard 0V to +10V or 0V to +5V inputs into 4mA to 20mA or 5mA to 25mA outputs.	XTR110KP	.407-963.					
230	ST	16	Circuit Breaker IC to control two N-Channel MOSFETs used as power switches, consists of Over Current Protection (IND TEMP)	TD230IN	101-564					
253	MAX	8	Oscillator/Power Driver for Isolated RS485/RS422.....	MAX253CSA	SMD 305-2205					
296	ST	15/M-watt	4A Switching Regulator. Voltage range 5.1V to 40V.....	L296	.407-987					
296	ST	15/M-watt	4A Switching Regulator with external programmable limiting current. Voltage range 5.1V to 40V.....	L296P	787-267					
334	NSC	3/TO-46	3 Terminal Adjustable Current Source – Programmable from 1µA to 10mA. 1V to 40V operation.....	LM334H	407-999					
334	NSC	8	3 Terminal Adjustable Current Source – Programmable from 1µA to 10mA. 1V to 40V operation.....	LM334M	SMD 408-001					
334	NSC	3/TO-92	3 Terminal Adjustable Current Source – Programmable from 1µA to 10mA. 1V to 40V operation.....	LM334Z	.408-013					
334	ST	3/TO-92	3 Terminal Adjustable Current Source.....	LM334Z	408-025					
408	ST	3/TO-220	400VDC, 40mA High Voltage Linear Regulator Power IC.....	VB408	321-0649					
494	GOLD	16	Switched Mode Controller (equiv. TL494CN).....	GL494	632-387					
494	TI	16	Switched Mode Controller (Pulse Width Modulator) Push-Pull. On-chip oscillator, error amplifier and 5V reference.....	TL494CN	408-037					
497	TI	14	500mA Switching Regulator.....	TL497ACN	408-062					
608	MAX	8	5V (adjustable), Step-Up DC-DC Controller. Input 1.8V to 16.5V.....	MAX608EPA	787-528					
619	MAX	8	5V, Step-Up Charge-Pump DC-DC Converter. Input 2V to 3.6V.....	MAX619CPA	.702-614					
622	TEL	8	Programmable solid state temperature switch with integrated voltage reference. Operating range 4.5V to 18V.....	TC622CPA	789-926					
624	TEL	8	Programmable solid state temperature switch with integrated voltage reference. Operating range 2.7V to 4.5V.....	TC624CPA	789-938					
631	MAX	8	+5V (adjustable) CMOS Step-Up Switching Regulator.....	MAX631ACPA	246-475					
635	MAX	8	-5V preset output CMOS Inverting Switching Regulator, 5% O/P accuracy.....	MAX635ACSA	SMD NEW 353-4212					
638	MAX	8	+5V (adjustable) CMOS Step-Down Switching Regulator.....	MAX638ACPA	246-499					
639	MAX	8	5.5V to 11.5V _{IN} /5V or adjustable out, Step-Down Switching Regulator	MAX639CPA	.459-604					
639	MAX	8	5.5V to 11.5V _{IN} /5V or adjustable out, Step-Down Switching Regulator	MAX639CSA	SMD NEW 353-4224					
641	MAX	8	+5V (adjustable) CMOS, 10W Step-Up Switching Regulator.....	MAX641ACPA	246-487					
641	MAX	8	+5V (adjustable) CMOS, 10W Step-Up Switching Regulator, 5% O/P accuracy.....	MAX641ACSA	NEW 353-4236					
649	MAX	8	5V or adjustable, high efficiency, low quiescent current, step-down, DC-DC controller.....	MAX649CSA	NEW 355-7492					
660	MAX	8	CMOS Voltage Converter, operates 1.5 to 5.5V (high current ICL7660 upgrade).....	MAX660CPA	.246-440					
660	MAX	8	CMOS Voltage Converter, operates 1.5 to 5.5V (high current ICL7660 upgrade).....	MAX660CSA	SMD 305-2140					
660	NSC	8	CMOS, Voltage inverter/doubler, operates 1.5 to 5.5V, high output current.....	MAX660M	SMD 302-4441					
660	TEL	8	CMOS, Voltage Converter, operates 1.5 to 5.5V, high output current	TC660CPA	.703-680					
662	MAX	8	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories.....	MAX662ACSA	SMD 305-1699					
662	MAX	8	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories. (IND TEMP).....	MAX662AESA	SMD 305-1717					
662	MAX	8	30mA, 12V Output, charge-pump DC/DC Converter, provides output to program byte wide FLASH memories.....	MAX662ACPA	305-1730					
667	MAX	8	+5V/Programmable low dropout voltage regulator with 250mA output current.....	MAX667CPA	NEW 355-7509					
680	MAX	8	CMOS, Dual Output Voltage Converter, +5V to ±10V.....	MAX680CPA	.246-451					
680	TEL	8	CMOS, Dual Output Voltage Converter, +5V to ±10V.....	TCM680CPA	704-570†					
682	TEL	8	CMOS Inverting Voltage Doubler. Input voltage range 2V to 5.5V.....	TC682CPA	.789-940					

† Available until stocks are exhausted

FOR SUPERVISORY AND VOLTAGE MONITOR CIRCUIT DEVICES SEE PAGES 601 TO «791090»

Continued