

ANALOG DEVICES
FAIRCHILD
National Semiconductor
ON
ST
MICROCHIP
JAMECO ValuePro
TEXAS INSTRUMENTS
ASTEC

Voltage Regulators (Continued)

*** Web Code: TAC**

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
924570	ST	L7805ACV \mathcal{R}	TO-220/3	5V, 1.5A positive	.39	\$.35	\$.29
924633	ST	L7805CV \mathcal{R}	TO-220/3	5V, 1.5A positive	.45	.35	.29
786138	FSC	LM7805CT \mathcal{R}	TO-220/3	5V, 1A positive, I-temp	.45	.39	.35
902071	NSC	LM7805CT	TO-220/3	5V, 1A positive	1.25	1.15	.95
876221	ON	MC7805CT	TO-220/3	5V, 1A positive, C-temp	.29	.25	.22
51182	+	78L05**	TO-92/3	5V, 100mA positive	.25	.22	.17
51183	+	78L05 \mathcal{R}	TO-92/3	5V, 100mA positive	.29	.25	.19
973831	FSC	LM78L05ACZ \mathcal{R}	TO-92/3	5V, 100mA positive, I-temp	.29	.25	.19
192233	+	78M05	TO-220/3	5V, 500mA positive	.29	.25	.22
51297	+	7806T	TO-220/3	6V, 1A positive (LM340T-6)	.35	.29	.25
51300	+	7808T*	TO-220/3	8V, 1A positive (LM340T-8)	.35	.29	.25
876352	ON	MC7809CT \mathcal{R}	TO-220/3	9V, 2.2A positive, C-temp	.39	.35	.29
1958641	FSC	LM7809CT \mathcal{R}	TO-220/3	9V, 2.2A positive	.59	.49	.39
192225	+	78L09ACZ	TO-92/3	9V, 100mA positive	.25	.22	.17
51318	+	7812K	TO-3/2	12V, 1A pos. (LM340K-12)	2.95	2.75	2.49
51334	+	7812T**	TO-220/3	12V, 1A pos. (LM340T-12)	.29	.25	.22
51335	+	7812T \mathcal{R}	TO-220/3	12V, 1A pos. (LM340T-12)	.39	.35	.29
889305	ST	L7812CV \mathcal{R}	TO-220/3	12V, 1.5A positive	.39	.35	.29
902127	NSC	LM7812CT	TO-220/3	12V, 1A positive	1.19	1.09	.95
51203	+	78L12*	TO-92/3	12V, 100mA positive	*	.19	.15
51377	+	7815T*	TO-220/3	15V, 1A positive (LM340T-15)	.35	.29	.25
51414	+	7824T	TO-220/3	24V, 1A positive (LM340T-24)	.35	.29	.25
51457	+	7905T*	TO-220/3	-5V, 1A neg. (LM320T-5)	.35	.29	.25
51422	+	79L05	TO-92/3	-5V, 100mA negative	.35	.29	.25
2132269	+	7906A	TO-220/3	-6V, 500mA negative	*	.19	.15
51481	+	7912T*	TO-220/3	-12V, 1A neg. (LM320T-12)	.35	.29	.25
51502	+	7915T*	TO-220/3	-15V, 1A neg. (LM320T-15)	.39	.35	.29
316945	MOT	MC34063AP1	DIP-8	1.5 step-up/down invert sw reg	.59	.49	.39

*10 pcs./ **20 pcs. included in Linear kit, pg 12

Low Drop-Out Voltage Regulators

*** Web Code: MBT**

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10	100
299743	NSC	LM1084IT-ADJ	TO-220/3	5A low dropout adj. pos.	\$2.75	\$2.45	\$2.15
299735	NSC	LM1084IT-3.3	TO-220/3	5A low dropout 3.3V pos.	1.75	1.49	1.15
835593	NSC	LM1084IT-5.0/NOPB	TO-220/3	5A, 5V LDO pos., I-temp	2.49	2.25	1.95
192305	+	LM1086CT-3.3	TO-220/3	1.5A low dropout pos. (3.3V)	.99	.89	.79
251782	NSC	LM1117MPX-ADJ	SOT-223/3	800mA low dropout linear	.89	.79	.59
242114	+	LM1117T-3.3	TO-220/3	800mA, 3.3V, LDO	.89	.79	.69
242115	NSC	LM1117T-3.3/NOPB \mathcal{R}	TO-220/3	800mA, 3.3V, LDO	1.39	1.15	.85
2126230	TI	UC2833DW	SOIC-16	2V, 1A prec. LDO reg./controller	1.95	1.75	1.49
897188	NSC	LM2937ET-3.3	TO-220/3	500mA, 3.3V LDO, I-temp	1.49	1.25	.95
297810	NSC	LM2937ET-5.0	TO-220/3	500mA, 5V LDO	1.49	1.25	.95
107182	+	LM2940CT-5	TO-220/3	5V LDO reg. (max. 45Vin)	1.49	1.29	1.05
192495	NSC	LM2940CT-12	TO-220/3	12V LDO reg. (max. 45Vin)	1.49	1.29	1.05
837505	NSC	LM2940T-5.0/NOPB \mathcal{R}	TO-220/3	1A, 5V LDO, I-temp	1.39	1.19	1.05
121064	+	LM2941CT	TO-220/5	1A LDO adjustable (45Vin)	1.49	1.25	.95
1944880	+	LP2950ACN	TO-92/3	100mA 5V LDO reg.	.65	.55	.45
1323397	NSC	LP2950ACZ-3.3/NOPB \mathcal{R}	TO-92	3.3V μ pwrt. reg., I-temp	.89	.79	.69
266757	+	LP2950CZ-5.0	TO-92/3	100mA low power LDO	.69	.59	.49
121110	+	LP2951ACP	DIP-8	Adjustable μ power volt-reg.	.59	.49	.39
2126328	ALP	AS2954-3.3	TO-92/3	3.3V, 250mA output	1.95	1.75	1.59
2135671	+	AS2954-5.0	TO-92/3	5.0V, 250mA LDO	.29	.25	.19
192524	+	LM3940IT-3.3	TO-220/3	1A LDO for 5V to 3.3V	1.65	1.45	1.25

* Power Drivers and Modules — Enter Web Code REK

* Switching Regulators — Enter Web Code DEN

* ALP = Alpha | FSC = Fairchild | JVP = Jameco ValuePro | MOT = Motorola | NSC = National | ON = ON Semi | ST = ST Micro | TI = Texas Ins. | + Major Brands

* For additional products, availability, and additional specifications visit Jameco.com and enter the web code in the product search box

3 LEVELS OF SAVINGS		
NAME BRANDS	HOUSE BRANDS	SPECIAL BUY

Simple Switcher Voltage Regulators

*** Web Code: VAX**

Part No.	Mfr.	Product No.	Pkg./Pins	Description	1	10
156566	+	LM2574N-5	DIP-8	5V step-down regulator	\$1.49	\$1.25
192381	NSC	LM2576HVT-5.0	TO-220/5	3A step down V-reg, high Vin range	4.95	4.25
192372	NSC	LM2576HVT-ADJ	TO-220/5	3A step-down V-reg, high Vin range	3.95	3.49
245569	+	LM2576T-5.0	TO-220/5	3A step-down voltage regulator	2.29	2.05
120977	+	LM2576T-ADJ	TO-220/5	3A step-down voltage regulator	1.95	1.75
300265	NSC	LM2595S-ADJ	TO-263/5	1A step down voltage regulator	.99	.89

PLCC Thru-Hole Sockets

*** Web Code: YAH**

- Solder tail allows through-hole board patterns in .100" grid
- Thru-hole lead length: .125"
- Accepts JEDEC type "A" plastic leaded chip (0.05" centers)

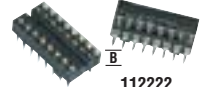


Part No.	Cross Ref. No.	Pins	Body Height (in.)	1	10	100
71811	G1P32	32	.375	\$.39	\$.29	\$.19
71618	G1P444	44	.375	.75	.65	.59
72442	G1P452	52	.375	.85	.75	.69
71969	G1P468 \mathcal{R}	68	.375	.89	.79	.75
71977	G1P484 \mathcal{R}	84	.375	.95	.85	.79

Single/Dual Wipe Solder Tail Low-Profile IC Sockets

- Contact current: 1A
- Contact resistance: less than 5m Ω
- Dielectric withstanding voltage: 300V
- Insulation resistance: greater than 1000M Ω
- Thru-hole lead length: .140" (A)
- Body height: .188" (B)

JAMECO ValuePro



*** Web Code: WAP**

Part No.	Mfr.	Product No.	Pins	Width (in.)	Order in multiples of 10		
					10	100	1000
112193	JVP	6LPD \mathcal{R}	6	0.3	\$.14	\$.11	\$.10
51571	JVP	8LPD	8	0.3	.13	.10	.08
112206	JVP	8LPD \mathcal{R}	8	0.3	.14	.11	.09
37162	JVP	14LP (single wipe)	14	0.3	.13	.10	.09
112214	JVP	14LPD \mathcal{R}	14	0.3	.14	.11	.10
37372	JVP	16LP (single wipe)	16	0.3	.12	.10	.08
37373	JVP	16LPD	16	0.3	.18	.12	.10
112222	JVP	16LPD \mathcal{R}	16	0.3	.20	.13	.11
38113	JVP	18LP (single wipe)	18	0.3	.14	.12	.09
112231	JVP	18LPD \mathcal{R}	18	0.3	.17	.16	.12
38607	JVP	20LP (single wipe)	20	0.3	.14	.12	.10
112248	JVP	20LPD	20	0.3	.17	.16	.14
38608	JVP	20LPD \mathcal{R}	20	0.3	.18	.17	.15
112256	JVP	22SLPD	22	0.3	.07	.05	.03
39132	JVP	22LPD	22	0.4	.17	.16	.14
39378	JVP	24SLPD	24	0.3	.25	.23	.20
112282	JVP	24SLPD \mathcal{R}	24	0.3	.27	.25	.22
112264	JVP	24LPD	24	0.6	.24	.22	.18
112266	JVP	24LPD \mathcal{R}	24	0.6	.26	.22	.20
112299	JVP	28SLPD	28	0.3	.25	.23	.21
112300	JVP	28SLPD \mathcal{R}	28	0.3	.26	.24	.22
112272	JVP	28LPD	28	0.6	.25	.23	.20
40301	JVP	28LPD \mathcal{R}	28	0.6	.26	.24	.21
137621	JVP	32SLPD \mathcal{R}	32	0.3	.15	.12	.09
689979	+	ED32DT	32	0.6	.15	.12	.09
112301	JVP	32LPD \mathcal{R}	32	0.6	.29	.25	.22
41110	JVP	40LP (single wipe)	40	0.6	.29	.25	.22
41111	JVP	40LPD	40	0.6	.33	.30	.26
112311	JVP	40LPD \mathcal{R}	40	0.6	.40	.36	.30
137622	JVP	42LPD	42	0.6	.15	.12	.09
112326	JVP	64LDP	64	0.9	.15	.12	.09