

FAIRCHILD Voltage Regulators

Products may be RoHS compliant.
Check mouser.com for RoHS status.



GENERAL PURPOSE VOLTAGE REGULATORS (CONT.)

◆ Surface Mount Device

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Fairchild Part No.	Package	No. of Outputs	Output Level	Output Voltage Typ.	Input Voltage Max.	ADJ Output Voltage		Output Current Typ.	Voltage Drop Max.	Price Each			
							Min.	Max.			1	25	100	250
512-LM350T	LM350T	TO-220	1	Positive	ADJ	35V	1.2V	33V	3A	3V	.86	.64	.486	.358
512-LM431ACZ	LM431ACZ	TO-92	1	Positive	ADJ	37V	2.5V	37V	0.1A	-	.18	.142	.097	.08
512-LM7805ACT	LM7805ACT	TO-220	1	Positive	5V	35V	-	-	1A	2V	.24	.22	.209	.20
512-LM7805CT	LM7805CT	TO-220	1	Positive	5V	35V	-	-	1A	2V	.37	.35	.27	.189
512-LM78L05ACZ	LM78L05ACZ	TO-92R	1	Positive	5V	35V	-	-	0.1A	1.7V	.20	.171	.157	.115
512-LM78L05ACZX	LM78L05ACZX	TO-92	1	Positive	5V	30V	-	-	0.1A	1.7V	.17	.152	.125	.104
512-LM78L05ACZX	LM78L05ACZX	TO-92R	1	Positive	ADJ	30V	5V	24V	0.1A	1.7V	.21	.19	.142	.133
512-LM78L12ACZ	LM78L12ACZ	TO-92	1	Positive	12V	40V	5V	24V	0.1A	1.7V	.18	.162	.15	.121
512-LM78L12ACZX	LM78L12ACZX	TO-92	1	Positive	12V	35V	-	-	0.1A	1.7V	.17	.133	.127	.119
512-LM78L12ACZXA	LM78L12ACZXA	TO-92-3	1	Positive	12V	35V	5V	24V	0.1A	1.7V	.17	.133	.127	.119
512-LM78M05CT	LM78M05CT	TO-220	1	Positive	5V	35V	-	-	0.5A	2V	.41	.34	.30	.21
512-LM7905CT	LM7905CT	TO-220	1	Negative	5V	35V	-	-	1A	2V	.33	.27	.26	.192
512-LM79L05ACZ	LM79L05ACZ	TO-92	1	Negative	-5V	-40V	-5V	-24V	0.1A	1.7V	.26	.219	.16	.134
512-LM79L05ACZX	LM79L05ACZX	TO-92	1	Negative	5V	30V	-	-	0.1A	1.7V	.18	.152	.136	.13
512-MC7805ECTDX	MC7805ECTDX	D-PAK	1	Positive	5V	35V	5V	24V	1A	2V	.45	.39	.333	.276
512-MC7809ECTDX	MC7809ECTDX	TO-252-2	1	Positive	9V	35V	5V	24V	1A	2V	.45	.39	.333	.276
512-MC7812ECTDX	MC7812ECTDX	TO-252	1	Positive	12V	35V	5V	24V	5.1mA	2V	.45	.39	.333	.276
512-MC78L05ABPX	MC78L05ABPX	TO-92-3 Kinked	1	Positive	5V	30V	-	-	0.1A	1.7V	.17	.152	.125	.104
512-MC78L05ACHX	MC78L05ACHX	SOT-89	1	Positive	5V	30V	5V	24V	0.1A	1.7V	.32	.285	.251	.19
512-MC78L05ACP	MC78L05ACP	TO-92	1	Positive	5V	40V	5V	24V	0.1A	1.7V	.22	.20	.169	.115
512-MC78L05ACPX	MC78L05ACPX	TO-92	1	Positive	5V	30V	5V	24V	0.1A	1.7V	.21	.19	.142	.133
512-MC78L08ACP	MC78L08ACP	TO-92	1	Positive	8V	30V	5V	24V	0.1A	1.7V	.34	.238	.178	.133
512-MC78L08ACPX	MC78L08ACPX	TO-92-3 Kinked	1	Positive	8V	30V	-	-	0.1A	1.7V	.22	.20	.178	.146
512-MC78L12ACP	MC78L12ACP	TO-92	1	Positive	12V	35V	5V	24V	0.1A	1.7V	.22	.20	.178	.146
512-MC78L15ACP	MC78L15ACP	TO-92	1	Positive	15V	40V	5V	24V	0.1A	1.7V	.34	.238	.178	.133
512-MC78L15ACPX	MC78L15ACPX	TO-92-3 Kinked	1	Positive	15V	35V	-	-	0.1A	1.7V	.22	.20	.178	.146
512-MC78L24ACP	MC78L24ACP	TO-92	1	Positive	24V	40V	5V	24V	0.1A	1.7V	.22	.20	.178	.146
512-MC78M05CDTX	MC78M05CDTX	TO-252	1	Positive	5V	35V	-	-	0.5A	2V	.50	.40	.30	.21
512-MC79L05ACHX	MC79L05ACHX	SOT-89-3	1	Negative	5V	30V	-5V	-24V	1A	1.7V	.32	.276	.228	.182
512-MC79L05ACP	MC79L05ACP	TO-92	1	Negative	5V	30V	5V	24V	1A	1.7V	.20	.18	.157	.136
512-TL431ACPL	TL431ACPL	TO-92	1	Positive	ADJ	37V	2.5V	37V	0.1A	-	.14	.123	.115	.104



LOW DROPOUT VOLTAGE REGULATORS

◆ Surface Mount Device

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MOUSER STOCK NO.	Fairchild Part No.	Package	Output Type	Preset Output Volt. Typ. (V)	Output Current (A)	Dropout Voltage (@Iout) (V)	Input Voltage (min) (V)	Input Voltage (max) (V)	Operating Temperature (°C)	Output Disable Function	Price Each			
											1	25	100	250
512-FAN1084DX	FAN1084DX	TO-252	Single	ADJ	4.5	1.5	-	7	0 to 125	No	1.19	1.02	.85	.71
512-FAN1084T	FAN1084T	TO-220	Single	ADJ	4.5	1.5	-	7	0 to 125	No	1.75	1.00	.93	.70
512-FAN1084T15	FAN1084T15	TO-220	Single	ADJ	4.5	1.5	-	7	0 to 125	No	1.75	1.00	.93	.70
512-FAN1086M33X	FAN1086M33X	TO-263	Single	3.3	1.5	1.5	-	7.5	0 to 125	No	1.19	1.02	.85	.71
512-FAN1086M5X	FAN1086M5X	TO-263	Single	ADJ	1.5	1.5	-	7.5	0 to 125	No	1.19	1.02	.85	.71
512-FAN1086MX	FAN1086MX	TO-263	Single	ADJ	1.5	1.5	-	7	0 to 125	No	1.19	1.02	.85	.71
512-FAN1086S33X	FAN1086S33X	SOT-223	Single	ADJ	1.5	1.5	-	7	0 to 125	No	1.12	.96	.666	.65
512-FAN1112DX	FAN1112DX	TO-252	Single	1.2	1.0	1.2	-	18	0 to 125	No	.99	.825	.66	.495
512-FAN1112SX	FAN1112SX	SOT-223	Single	1.2	1.0	1.2	-	18	0 to 125	No	1.16	.99	.83	.69
512-FAN1117AD18X	FAN1117AD18X	TO-252-3	Single	ADJ	1.0	1.1	2.5	17	0 to 125	No	1.17	.58	.49	.41
512-FAN1117AD33X	FAN1117AD33X	TO-252-3	Single	ADJ	1.0	1.1	2.5	17	0 to 125	No	1.17	.58	.49	.41
512-FAN1117ADX	FAN1117ADX	TO-252	Single	ADJ	1.0	1.1	-	17	0 to 125	No	1.17	.58	.49	.41
512-FAN1117AS5X	FAN1117AS5X	SOT-223-4	Single	ADJ	1.0	1.1	2.5	17	0 to 125	No	.60	.45	.34	.27
512-FAN1117AS18X	FAN1117AS18X	SOT-223	Single	ADJ	1.0	1.1	-	7	0 to 125	No	.60	.45	.34	.27
512-FAN1117AS25X	FAN1117AS25X	SOT-223	Single	2.5	1.0	1.1	2.5	17	0 to 125	No	.60	.45	.34	.27
512-FAN1117AS33X	FAN1117AS33X	SOT-223	Single	ADJ	1.0	1.1	-	7	0 to 125	No	.60	.45	.34	.27
512-FAN1117ASX	FAN1117ASX	SOT-223	Single	ADJ	1.0	1.1	2.5	17	0 to 125	No	.76	.57	.43	.342
512-FAN1117AT	FAN1117AT	TO-220	Single	ADJ	1.0	1.1	2.5	17	0 to 125	No	1.35	1.12	.90	.68
512-FAN1581M25X	FAN1581M25X	TO-263-5	Single	ADJ	5.0	0.6	-	7	0 to 125	No	1.75	1.50	1.25	1.05
512-FAN1581MX	FAN1581MX	TO-263-5	Single	ADJ	5.0	0.6	-	7	0 to 125	No	2.45	2.10	1.75	1.47
512-FAN1582MX	FAN1582MX	TO-263	Single	ADJ	3.0	0.6	-	7	0 to 125	No	1.75	1.50	1.25	1.05
512-FAN1587AD33X	FAN1587AD33X	TO-252	Single	ADJ	3.0	1.3	-	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1587AM15X	FAN1587AM15X	TO-263	Single	ADJ	3.0	1.3	-	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1587AM33X	FAN1587AM33X	TO-263	Single	3.3	3.0	1.3	4.6	12	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1587AMC33X	FAN1587AMC33X	TO-263	Single	ADJ	3.0	1.3	-	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1587AMX	FAN1587AMX	TO-263	Single	ADJ	3.0	1.3	-	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1587AT15	FAN1587AT15	TO-220	Single	1.5	3.0	1.3	2.8	12	0 to 125	No	3.12	1.78	1.33	1.28
512-FAN1589DX	FAN1589DX	TO-252	Single	1.2	2.7	1.3	-	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1589MCX	FAN1589MCX	TO-263	Single	1.2	2.7	1.3	3.3	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1589MX	FAN1589MX	TO-263	Single	1.2	2.7	1.3	3.3	7	0 to 125	No	3.12	2.67	2.23	1.87
512-FAN1616AD18X	FAN1616AD18X	TO-252	Single	ADJ	0.5	1.1	-	18	-40 to 125	No	1.17	.93	.78	.65
512-FAN1616AD33X	FAN1616AD33X	TO-252	Single	3.3	0.5	1.1	6.2	18	0 to 125	No	1.09	.93	.78	.65
512-FAN1616AS18X	FAN1616AS18X	SOT-223	Single	ADJ	0.5	1.1	-	18	-40 to 125	No	1.09	.93	.78	.65
512-FAN1616AS33X	FAN1616AS33X	SOT-223	Single	3.3	0.5	1.1	4.5	18	0 to 125	No	1.09	.93	.78	.65
512-FAN1616AS5X	FAN1616AS5X	SOT-223	Single	5	0.5	1.1	6.2	18	0 to 125	No	1.09	.93	.78	.65
512-FAN1616ASX	FAN1616ASX	SOT-223	Single	ADJ	0.5	1.1	2.5	18	0 to 125	No	1.17	.93	.78	.65