

FAIRCHILD Voltage Regulators

FAIRCHILD™

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

GENERAL PURPOSE VOLTAGE REGULATORS (CONT.)

◆ Surface Mount Device

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Fairchild Part No. | Package | No. of Outputs | Output Levels | Output Voltage (Typ.)(V) | Input Voltage (Max.)(V) | ADJ Output Voltage | | Output Current (Typ.)(V) | Voltage Drop (Max.)(V) | Price Each | | | |
|----------------------|--------------------|----------|----------------|---------------|--------------------------|-------------------------|--------------------|-----------|--------------------------|------------------------|------------|------|------|------|
| | | | | | | | (Min.)(V) | (Max.)(V) | | | 1 | 10 | 100 | 1000 |
| 512-LM7905CT | LM7905CT | TO-220 | 1 | Negative | 5 | 35 | - | - | 1 | 2 | .56 | .467 | .301 | .241 |
| 512-MC79L05ACHX | MC79L05ACHX | SOT-89-3 | 1 | Negative | 5 | 30 | 5 | 24 | 1 | 1.7 | .48 | .372 | .202 | .151 |
| 512-MC79L05ACP | MC79L05ACP | TO-92R | 1 | Negative | 5 | 30 | 5 | 24 | 1 | 1.7 | .42 | .297 | .137 | .105 |
| 512-KA7906TU | KA7906TU | TO-220 | 1 | Negative | 6 | 35 | - | - | 1 | 2 | .63 | .53 | .342 | .274 |
| 512-FAN4010IL6X_F113 | FAN4010IL6X_F113 | MLP-6 | 1 | - | 6.3 | 6.3 | 0 | 6.3 | 0.000009 | - | .80 | .62 | .40 | .32 |
| 512-KA7908TU | KA7908TU | TO-220 | 1 | Negative | 8 | 35 | - | - | 1 | 2 | .70 | .589 | .38 | .304 |
| 512-LM7908CT | LM7908CT | TO-220 | 1 | Negative | 8 | 35 | - | - | 1 | 2 | .67 | .525 | .339 | .271 |
| 512-KA7909TU | KA7909TU | TO-220 | 1 | Negative | 9 | 35 | 5 | 24 | 0.003 | 2 | .63 | .53 | .342 | .274 |
| 512-LM7910CT | LM7910CT | TO-220 | 1 | Negative | 10 | 35 | - | - | 1 | 2 | .63 | .529 | .341 | .273 |
| 512-KA7912TU | KA7912TU | TO-220 | 1 | Negative | 12 | 35 | 5 | 24 | 0.003 | 2 | .63 | .524 | .338 | .271 |
| 512-KA7912ATU | KA7912ATU | TO-220 | 1 | Negative | 12 | 35 | - | - | 1 | 2 | .64 | .537 | .347 | .277 |
| 512-LM7912CT | LM7912CT | TO-220 | 1 | Negative | 12 | 35 | - | - | 1 | 2 | .57 | .475 | .307 | .245 |
| 512-KA7915TU | KA7915TU | TO-220 | 1 | Negative | 15 | 35 | 5 | 24 | 0.003 | 2 | .62 | .522 | .337 | .27 |
| 512-LM7915CT | LM7915CT | TO-220 | 1 | Negative | 15 | 35 | - | - | 1 | 2 | .56 | .469 | .302 | .242 |
| 512-KA7918TU | KA7918TU | TO-220 | 1 | Negative | 18 | 35 | - | - | 1 | 2 | .62 | .521 | .336 | .269 |
| 512-KA7924TU | KA7924TU | TO-220 | 1 | Negative | 24 | 35 | 5 | 24 | 1 | 2 | .69 | .579 | .374 | .299 |
| 512-LM337T | LM337T | TO-220 | 1 | Negative | ADJ | 40 | 1.2 | 37 | 1.5 | 3 | .66 | .553 | .357 | .286 |
| 512-KA78L05AZBU | KA78L05AZBU | TO-92R | 1 | Positive | 5 | 30 | 5 | 24 | 0.002 | 1.7 | .39 | .281 | .129 | .099 |
| 512-KA78L05AAZTA | KA78L05AAZTA | TO-92R | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .44 | .316 | .145 | .112 |
| 512-KA78L05ADTF | KA78L05ADTF | SOIC-8 | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .44 | .337 | .182 | .137 |
| 512-KA78L05AMTF | KA78L05AMTF | SOT-89 | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .53 | .358 | .20 | .146 |
| 512-KA78L05AZTA | KA78L05AZTA | TO-92R | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .44 | .316 | .145 | .112 |
| 512-LM78L05ACZ | LM78L05ACZ | TO-92R | 1 | Positive | 5 | 35 | - | - | 0.1 | 1.7 | .36 | .255 | .117 | .09 |
| 512-LM78L05ACZX | LM78L05ACZX | TO-92R | 1 | Positive | 5 | 30 | - | - | 0.1 | 1.7 | .36 | .256 | .118 | .09 |
| 512-MC78L05ABPX | MC78L05ABPX | TO-92R | 1 | Positive | 5 | 30 | - | - | 0.1 | 1.7 | .44 | .316 | .145 | .112 |
| 512-MC78L05ACD | MC78L05ACD | SOIC-8 | 1 | Positive | 5 | 30 | - | - | 0.1 | 1.7 | .42 | .321 | .174 | .13 |
| 512-MC78L05ACDX | MC78L05ACDX | SOIC-8 | 1 | Positive | 5 | 30 | - | - | 0.1 | 1.7 | .40 | .306 | .166 | .124 |
| 512-MC78L05ACHX | MC78L05ACHX | SOT-89 | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .44 | .34 | .184 | .138 |
| 512-MC78L05ACP | MC78L05ACP | TO-92R | 1 | Positive | 5 | 40 | 5 | 24 | 0.1 | 1.7 | .38 | .268 | .123 | .095 |
| 512-MC78L05ACPPXA | MC78L05ACPPXA | TO-92R | 1 | Positive | 5 | 30 | 5 | 24 | 0.1 | 1.7 | .54 | .316 | .15 | .115 |
| 512-KA78M05RTM | KA78M05RTM | TO-252 | 1 | Positive | 5 | 35 | - | - | 0.5 | 2 | .63 | .524 | .319 | .247 |
| 512-KA78M05TU | KA78M05TU | TO-220 | 1 | Positive | 5 | 35 | - | - | 0.5 | 2 | .62 | .521 | .336 | .269 |
| 512-LM78M05CT | LM78M05CT | TO-220 | 1 | Positive | 5 | 35 | - | - | 0.5 | 2 | .56 | .472 | .305 | .244 |
| 512-MC78M05CDTX | MC78M05CDTX | TO-252 | 1 | Positive | 5 | 35 | - | - | 0.5 | 2 | .63 | .526 | .321 | .248 |
| 512-KA7805AETU | KA7805AETU | TO-220 | 1 | Positive | 5 | 35 | - | - | 1 | 2 | .61 | .511 | .33 | .264 |
| 512-KA7805ERTF | KA7805ERTF | TO-252 | 1 | Positive | 5 | 40 | 5 | 24 | 1 | 2 | .77 | .601 | .388 | .31 |
| 512-KA7805ETU | KA7805ETU | TO-220 | 1 | Positive | 5 | 35 | 5 | 24 | 1 | 2 | .64 | .501 | .323 | .259 |
| 512-LM7805ACT | LM7805ACT | TO-220 | 1 | Positive | 5 | 35 | - | - | 1 | 2 | .61 | .511 | .312 | .241 |
| 512-LM7805CT | LM7805CT | TO-220 | 1 | Positive | 5 | 35 | - | - | 1 | 2 | .61 | .511 | .312 | .241 |
| 512-MC7805ECDTX | MC7805ECDTX | TO-252 | 1 | Positive | 5 | 35 | 5 | 24 | 1 | 2 | .72 | .604 | .39 | .312 |
| 512-KA7805ERTM | KA7805ERTM | TO-252 | 1 | Positive | 5 | 35 | - | - | 1 | 2 | .77 | .601 | .388 | .31 |
| 512-KA78L06AZTA | KA78L06AZTA | TO-92R | 1 | Positive | 6 | 30 | 5 | 24 | 0.1 | 1.7 | .35 | .269 | .146 | .109 |
| 512-KA7806ETU | KA7806ETU | TO-220 | 1 | Positive | 6 | 35 | 5 | 24 | 1 | 2 | .64 | .503 | .324 | .26 |
| 512-LM7806CT | LM7806CT | TO-220 | 1 | Positive | 6 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-KA78L08AMTF | KA78L08AMTF | SOT-89 | 1 | Positive | 8 | 30 | 5 | 24 | 0.002 | 1.7 | .47 | .358 | .194 | .146 |
| 512-KA78L08AZTA | KA78L08AZTA | TO-92R | 1 | Positive | 8 | 30 | 5 | 24 | 0.1 | 1.7 | .35 | .269 | .146 | .109 |
| 512-MC78L08ACP | MC78L08ACP | TO-92R | 1 | Positive | 8 | 30 | 5 | 24 | 0.1 | 1.7 | .42 | .297 | .137 | .105 |
| 512-LM7808CT | LM7808CT | TO-220 | 1 | Positive | 8 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-KA7809AETU | KA7809AETU | TO-220 | 1 | Positive | 9 | 35 | 5 | 24 | 0.005 | 2 | .64 | .501 | .323 | .259 |
| 512-KA7809ETU | KA7809ETU | TO-220 | 1 | Positive | 9 | 35 | 5 | 24 | 0.005 | 2 | .64 | .503 | .324 | .26 |
| 512-LM7809ACT | LM7809ACT | TO-220 | 1 | Positive | 9 | 35 | - | - | 1 | 2 | .55 | .465 | .30 | .24 |
| 512-LM7809CT | LM7809CT | TO-220 | 1 | Positive | 9 | 35 | - | - | 1 | 2 | .55 | .465 | .30 | .24 |
| 512-KA7810AETU | KA7810AETU | TO-220 | 1 | Positive | 10 | 40 | 5 | 24 | 1 | 2 | .66 | .555 | .358 | .287 |
| 512-KA7810ETU | KA7810ETU | TO-220 | 1 | Positive | 10 | 35 | 5 | 24 | 1 | 2 | .64 | .503 | .324 | .26 |
| 512-LM7810ACT | LM7810ACT | TO-220 | 1 | Positive | 10 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-LM7810CT | LM7810CT | TO-220 | 1 | Positive | 10 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-KA78L12AZTA | KA78L12AZTA | TO-92R | 1 | Positive | 12 | 35 | 5 | 24 | 0.0021 | 1.7 | .35 | .269 | .146 | .109 |
| 512-KA7812AETU | KA7812AETU | TO-220 | 1 | Positive | 12 | 35 | 5 | 24 | 0.0051 | 2 | .59 | .498 | .321 | .257 |
| 512-KA7812ETU | KA7812ETU | TO-220 | 1 | Positive | 12 | 35 | 5 | 24 | 0.0051 | 2 | .64 | .501 | .323 | .259 |
| 512-MC7812ECDTX | MC7812ECDTX | TO-252 | 1 | Positive | 12 | 35 | 5 | 24 | 0.0051 | 2 | .77 | .602 | .389 | .311 |
| 512-LM78L12ACZ | LM78L12ACZ | TO-92R | 1 | Positive | 12 | 40 | 5 | 24 | 0.1 | 1.7 | .42 | .301 | .138 | .106 |
| 512-LM78L12ACZX | LM78L12ACZX | TO-92R | 1 | Positive | 12 | 35 | - | - | 0.1 | 1.7 | .42 | .301 | .138 | .106 |
| 512-LM7812ACT | LM7812ACT | TO-220 | 1 | Positive | 12 | 35 | - | - | 1 | 2 | .64 | .538 | .328 | .253 |
| 512-LM7812CT | LM7812CT | TO-220 | 1 | Positive | 12 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-KA7815AETU | KA7815AETU | TO-220 | 1 | Positive | 15 | 35 | 5 | 24 | 0.0052 | 2 | .66 | .555 | .358 | .287 |
| 512-KA78L15AZTA | KA78L15AZTA | TO-92R | 1 | Positive | 15 | 35 | 5 | 24 | 0.1 | 1.7 | .40 | .269 | .15 | .109 |
| 512-MC78L15ACP | MC78L15ACP | TO-92R | 1 | Positive | 15 | 40 | 5 | 24 | 0.1 | 1.7 | .42 | .297 | .137 | .105 |
| 512-MC78L15ACPPXA | MC78L15ACPPXA | TO-92R | 1 | Positive | 15 | 35 | - | - | 0.1 | 1.7 | .37 | .286 | .155 | .116 |
| 512-KA7815ETU | KA7815ETU | TO-220 | 1 | Positive | 15 | 35 | 5 | 24 | 1 | 2 | .64 | .501 | .323 | .259 |
| 512-LM7815ACT | LM7815ACT | TO-220 | 1 | Positive | 15 | 35 | - | - | 1 | 2 | .61 | .511 | .312 | .241 |
| 512-LM7815CT | LM7815CT | TO-220 | 1 | Positive | 15 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-LM7818CT | LM7818CT | TO-220 | 1 | Positive | 18 | 35 | - | - | 1 | 2 | .64 | .531 | .323 | .25 |
| 512-KA7818ETU | KA7818ETU | TO-220 | 1 | Positive | 18 | 35 | - | - | 1 | 2 | .64 | .501 | .323 | .259 |
| 512-KA78L09AZTA | KA78L09AZTA | TO-92R | 1 | Positive | ADJ | 30 | 5 | 24 | 0.1 | 1.7 | .35 | .269 | .146 | .109 |
| 512-KA78L10AZTA | KA78L10AZTA | TO-92R | 1 | Positive | ADJ | 30 | 5 | 24 | 0.1 | 1.7 | .35 | .269 | .146 | .109 |
| 512-LM317LM | LM317LM | SOIC-8 | 1 | Positive | ADJ | 40 | 1.2 | 37 | 0.1 | 3 | .44 | .368 | .224 | .173 |
| 512-LM317LMX | LM317LMX | SOIC-8 | 1 | Positive | ADJ | 40 | 1.2 | 37 | 0.1 | 3 | .44 | .365 | .222 | .172 |
| 512-LM317LZ | LM317LZ | TO-92R | 1 | Positive | ADJ | 40 | 1.2 | 37 | 0.1 | 3 | .45 | .323 | .148 | .114 |
| 512-LM317LZX | LM317LZX | TO-92R | 1 | Positive | ADJ | 40 | 1.2 | 37 | 0.1 | 3 | .57 | .333 | .158 | .121 |
| 512-LM336Z25 | LM336Z25 | TO-92R | 1 | Positive | ADJ | 2.5 | 2.5 | 37 | 0.1 | - | .46 | .33 | .152 | .117 |
| 512-LM431ACZ | LM431ACZ | TO-92R | 1 | Positive | ADJ | 37 | 2.5 | 37 | 0.1 | - | .36 | .236 | .101 | .078 |
| 512-LM78L05ACZXA | LM78L05ACZXA | TO-92R | 1 | Positive | ADJ | 30 | 5 | 24 | 0.1 | 1.7 | .42 | .301 | .138 | .106 |
| 512-LM317MDTX | LM317MDTX | TO-252 | 1 | Positive | ADJ | 40 | 1.2 | 37 | 0.5 | 3 | .76 | .632 | | |