

SWITCHING DC-DC REGULATORS (CONT.)

For quantities greater than listed, call for quote.

| MOUSER STOCK NO. | Micrel Part No. | Package | Input Voltage (Max.) (V) | No. of Outputs | Switching Frequency (kHz) | Output Current (A) | Quiescent Supply Current (Max.) (µA) | Operating Temperature (°C) | Price Each | | | | | |
|-------------------------------------|--------------------|----------|--------------------------|----------------|---|--------------------|--------------------------------------|----------------------------|------------|-------|-------|------------|--|--|
| | | | | | | | | | 1 | 10 | 25 | 100 | | |
| Step-Down Regulators (Cont.) | | | | | | | | | | | | | | |
| 998-MIC24054YJLTR | MIC24054YJL-TR | QFN-28 | 5.5 | 1 | 600 | 9.0 | 750 | -40 to 125 | 1.76 | 1.61 | 1.35 | 1.22 | | |
| 998-MIC24055YJL-TR | MIC24055YJL-TR | QFN-28 | 5.5 | 1 | 600 | 12 | 1500 | -40 to 125 | 2.08 | 1.89 | 1.58 | 1.44 | | |
| 998-MIC24056YJL-TR | MIC24056YJL-TR | QFN-28 | 5.5 | 1 | 600 | 12 | 750 | -40 to 125 | 2.08 | 1.89 | 1.58 | 1.44 | | |
| 998-MIC4721YMM | MIC4721YMM | MSOP-10 | 5.5 | 1 | 2000 | 1.5 | 900 | -40 to 125 | .70 | .65 | .54 | .49 | | |
| 998-MIC23201YMLT5 | MIC23201YML-T5 | MLF-10 | 5.5 | 1 | 2000 | 2.0 | 3350 | -40 to 125 | .92 | .77 | .64 | .58 | | |
| 998-MIC23156-0YML-TR | MIC23156-0YML-TR | MLF-17 | 5.5 | 1 | 3000 | 1.5 | 30 | -40 to 125 | 1.18 | 1.09 | .91 | .82 | | |
| 998-MIC23450AAAYMLT5 | MIC23450-AAAYML-T5 | MLF-32 | 5.5 | 1 | 3000 | 2.0 | 23 | -40 to 125 | 3.71 | 3.09 | 2.57 | 2.34 | | |
| 998-MIC23450AAAYMLT5 | MIC23450-AAAYML-T5 | MLF-32 | 5.5 | 1 | 3000 | 2.0 | 23 | -40 to 125 | 3.71 | 3.09 | 2.57 | 2.34 | | |
| 998-MIC33050-AYHLT5 | MIC33050-AYHL-T5 | MLF-12 | 5.5 | 1 | 4000 | 0.6 | 20 | -40 to 125 | 3.29 | 2.74 | 2.29 | 2.08 | | |
| 998-MIC23163YMT-T5 | MIC23163YMT-T5 | TDFN-10 | 5.5 | 1 | 4000 | 2.0 | 33 | -40 to 125 | 2.92 | 2.43 | 2.02 | 1.84 | | |
| 998-MIC23164YMT-T5 | MIC23164YMT-T5 | TDFN-10 | 5.5 | 1 | 4000 | 2.0 | 33 | -40 to 125 | 2.92 | 2.43 | 2.02 | 1.84 | | |
| 998-MIC23303YMLT5 | MIC23303YML-T5 | DFN-12 | 5.5 | 1 | 4000 | 3.0 | 40 | -40 to 125 | 1.45 | 1.21 | 1.01 | .92 | | |
| 998-MIC23603YMLT5 | MIC23603YML-T5 | DFN-20 | 5.5 | 1 | 4000 | 6.0 | 24 | -40 to 125 | 3.19 | 2.66 | 2.22 | 2.02 | | |
| 998-MIC45205-1YMP-T1 | MIC45205-1YMP-T1 | QFN-52 | 26 | 1 | 750 | 6 | 0.75 | -40 to 125 | 13.80 | 11.50 | 9.58 | 8.72 | | |
| 998-MIC45205-2YMP-T1 | MIC45205-2YMP-T1 | QFN-52 | 26 | 1 | 750 | 6 | 3 | -40 to 125 | 13.80 | 11.50 | 9.58 | 8.72 | | |
| 998-MIC45208-1YMP-T1 | MIC45208-1YMP-T1 | QFN-52 | 26 | 1 | 750 | 10 | 0.75 | -40 to 125 | 17.70 | 14.75 | 12.29 | 11.18 | | |
| 998-MIC45208-2YMP-T1 | MIC45208-2YMP-T1 | QFN-52 | 26 | 1 | 750 | 10 | 3 | -40 to 125 | 17.70 | 14.75 | 12.29 | 11.18 | | |
| 998-MIC45212-1YMP-T1 | MIC45212-1YMP-T1 | QFN-64 | 26 | 1 | 750 | 14 | 0.75 | -40 to 125 | 23.24 | 19.37 | 16.13 | 14.68 | | |
| 998-MIC26603YJL-TR | MIC26603YJL-TR | MLF-28 | 28 | 1 | 600 | 6.0 | 750 | -40 to 125 | 2.58 | 2.36 | 1.97 | 1.79 | | |
| 998-MIC4684YM | MIC4684YM | SOP-8 | 30 | 1 | 200 | 2.0 | 12000 | -40 to 125 | 1.90 | 1.74 | 1.45 | 1.32 | | |
| 998-MIC4680-5.0YM | MIC4680-5.0YM | SOIC-8 | 34 | 1 | 200 | 1.3 | 12000 | -40 to 125 | 2.40 | 2.19 | 1.82 | 1.66 | | |
| 998-MIC4680YM | MIC4680YM | SOIC-8 | 34 | 1 | 200 | 1.3 | 12000 | -40 to 125 | 2.40 | 2.19 | 1.82 | 1.66 | | |
| 998-MIC4576WU | MIC4576WU | TO-263-5 | 36 | 1 | 200 | 3.0 | 10000 | -40 to 85 | 4.97 | 4.14 | 3.45 | 3.14 | | |
| 998-MIC4576WU-TR | MIC4576WU-TR | TO-263-5 | 36 | 1 | 200 | 3.0 | 10000 | -40 to 85 | 4.97 | 4.14 | 3.45 | 3.14 | | |
| 998-MIC28304-2YMP-T1 | MIC28304-2YMP-T1 | QFN-64 | 70 | 1 | 600 | 3 | 27000 | -40 to 125 | 28.56 | 23.80 | 19.82 | 18.04 | | |
| 998-MIC28304-1YMP-T1 | MIC28304-1YMP-T1 | QFN-64 | 70 | 1 | 600 | 3 | 700 | -40 to 125 | 28.56 | 23.80 | 19.82 | 18.04 | | |
| 998-MIC23158YMLT5 | MIC23158YML-T5 | MLF-20 | 5.5 | 2 | 3000 | 2.0 | 90 | -40 to 125 | 2.59 | 2.16 | 1.80 | 1.64 | | |
| Step-Up Regulators | | | | | | | | | | | | | | |
| 998-MIC2875-AYMTT5 | MIC2875-AYMT-T5 | TDFN-8 | 5.5 | 1 | 2000 | 1.2 | 1000 | -40 to 125 | 1.52 | 1.27 | 1.05 | .96 | | |
| 998-MIC2876-AYMTT5 | MIC2876-AYMT-T5 | TDFN-8 | 5.5 | 1 | 2000 | 1.2 | 1000 | -40 to 125 | 1.45 | 1.21 | 1.01 | .92 | | |
| Low Voltage, Flyback | | | | | | | | | | | | | | |
| 998-MIC4043YM4TR | MIC4043YM4-TR | SOT-143 | 15 | 1 | 200 | 15 | - | -40 to 85 | .60 | .50 | .42 | .38 | | |
| Evaluation Boards | | | | | | | | | | | | | | |
| | | | | | Description | | | | | | | Price Each | | |
| 998-MIC2174-1YMM3AEV | MIC2174-1YMM 3A-EV | | | | MIC2174-1YMM 3A, 300kHz Synch Current Mode PWM Controller - Evaluation Board | | | | | | | 29.38 | | |
| 998-MIC2205YML-EV | MIC2205YML-EV | | | | MIC2205YML, 5.5V, 2MHz Synch. Buck Regulator with LOW™ Mode - Evaluation Board | | | | | | | 18.48 | | |
| 998-MIC2206-1.8YML-EV | MIC2206-1.8YML-EV | | | | MIC2206-1.8YML, 2MHz Synch Buck Regulator with LOW™ Mode - Evaluation Board | | | | | | | 18.19 | | |
| 998-MIC2207YML-EV | MIC2207YML-EV | | | | MIC2207YML, 5.5V, 2MHz, Int. Switch Buck Converter - Evaluation Board | | | | | | | 24.26 | | |
| 998-MIC2208YML-EV | MIC2208YML-EV | | | | MIC2208YML, 5.5V, 3A 1MHz Int. Switch Buck Regulator - Evaluation Board | | | | | | | 20.14 | | |
| 998-MIC22205YML-EV | MIC22205YML-EV | | | | MIC22205YML, 5.5V, 2A, High-Efficiency Synch Buck Regulator - Evaluation Board | | | | | | | 24.26 | | |
| 998-MIC2224YML-EV | MIC2224YML-EV | | | | MIC2224YML, 5.5V, 2MHz, PWM DAC controlled power supply w/bypass switch - Evaluation Board | | | | | | | 19.16 | | |
| 998-MIC22405YML-EV | MIC22405YML-EV | | | | MIC22405YML, 4A Integrated Switch Synchronous Buck Regulator w/ Pre-Bias - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC23150-4YMT-EV | MIC23150-4YMT-EV | | | | MIC23150-4YMT, 2.0A 4MHz HyperLight Load™ Buck Regulator - Evaluation Board | | | | | | | 15.00 | | |
| 998-MIC23150-CYMT-EV | MIC23150-CYMT-EV | | | | MIC23150-CYMT, 2.0A 4MHz HyperLight Load™ Buck Regulator - Evaluation Board | | | | | | | 15.00 | | |
| 998-MIC23150-SYMT-EV | MIC23150-SYMT-EV | | | | MIC23150-SYMT, 2.0A 4MHz HyperLight Load™ Buck Regulator - Evaluation Board | | | | | | | 15.00 | | |
| 998-MIC23153-GYMT-EV | MIC23153-GYMT-EV | | | | MIC23153-GYMT, 4MHz 2A Buck Switcher with Soft Start and Power Good - Evaluation Board | | | | | | | 15.00 | | |
| 998-MIC23153YMT-EV | MIC23153YMT-EV | | | | MIC23153YMT, 4MHz 2A Buck Switcher with Soft Start and Power Good - Evaluation Board | | | | | | | 15.00 | | |
| 998-MIC23156-0YCS-EV | MIC23156-0YCS-EV | | | | MIC23156-0YCS, 5.5V, 1.5A, 3MHz Synch Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 26.04 | | |
| 998-MIC23158YML-EV | MIC23158YML-EV | | | | MIC23158YML, 5.5V, 2A, 3MHz Dual Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 34.50 | | |
| 998-MIC23163YMT-EV | MIC23163YMT-EV | | | | MIC23163YMT, 4MHz, 2A, Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 26.04 | | |
| 998-MIC23164YMT-EV | MIC23164YMT-EV | | | | MIC23164YMT, 5.5V, 4MHz, 2A, Buck Regulator w/Disable Pull Down, with HyperLight Load® - Evaluation Board | | | | | | | 26.04 | | |
| 998-MIC23250-AAYMT-EV | MIC23250-AAYMT-EV | | | | MIC23250-AAYMT, High Efficiency Dual 400mA Synchronous Buck Switcher - Evaluation Board | | | | | | | 17.50 | | |
| 998-MIC23250-C4YMT-EV | MIC23250-C4YMT-EV | | | | MIC23250-C4YMT, High Efficiency Dual 400mA Synchronous Buck Switcher - Evaluation Board | | | | | | | 17.50 | | |
| 998-MIC23250-G4YMT-EV | MIC23250-G4YMT-EV | | | | MIC23250-G4YMT, High Efficiency Dual 400mA Synchronous Buck Switcher - Evaluation Board | | | | | | | 17.50 | | |
| 998-MIC23250GFHYMT-EV | MIC23250-GFHYMT-EV | | | | MIC23250-GFHYMT, High Efficiency Dual 400mA Synchronous Buck Switcher - Evaluation Board | | | | | | | 17.50 | | |
| 998-MIC23250-S4YMT-EV | MIC23250-S4YMT-EV | | | | MIC23250-S4YMT, High Efficiency Dual 400mA Synchronous Buck Switcher - Evaluation Board | | | | | | | 17.50 | | |
| 998-MIC23303YML-EV | MIC23303YML-EV | | | | MIC23303YML, 5.5V, 4MHz, 3A Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 26.04 | | |
| 998-MIC23450AAAYML-EV | MIC23450-AAAYML-EV | | | | MIC23450-AAAYML, 3MHz, 2A Triple Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 43.13 | | |
| 998-MIC23451AAAYFL-EV | MIC23451-AAAYFL-EV | | | | MIC23451-AAAYFL, -4MHz, 1A Triple Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 43.13 | | |
| 998-MIC23603YML-EV | MIC23603YML-EV | | | | MIC23603YML, -4MHz, 6A Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 35.31 | | |
| 998-MIC24051YJL-EV | MIC24051YJL-EV | | | | MIC24051, 19V, 6A, Synch. Buck Regulator with Hyper Speed Control™ - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC24052YJL-EV | MIC24052YJL-EV | | | | MIC24052, 19V, 6A, Synch. Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC24053YJL-EV | MIC24053YJL-EV | | | | MIC24053, 19V, 9A, Synch. Buck Regulator with Hyper Speed Control™ - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC24054YJL-EV | MIC24054YJL-EV | | | | MIC24054 19V, 9A, Synch. Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC24055YJL-EV | MIC24055YJL-EV | | | | MIC24055 19V, 12A, Synch. Buck Regulator with Hyper Speed Control™ - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC24056YJL-EV | MIC24056YJL-EV | | | | MIC24056 19V, 12A, Synch. Buck Regulator with HyperLight Load® - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC26601YJL-EV | MIC26601YJL-EV | | | | MIC26601, 28V/6A DC-DC Buck Regulator w/ HSC - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC26603YJL-EV | MIC26603YJL-EV | | | | MIC26603, 28V/6A DC-DC Buck Regulator w/ HLL - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC285004AEV | MIC28500 4A-EV | | | | MIC28500, 75V/4A DC-DC Buck Regulator with HSC - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC2851012VEV | MIC28510 12V-EV | | | | MIC28510, 75V/4A DC-DC Buck Regulator with HSC - Evaluation Board | | | | | | | 32.50 | | |
| 998-MIC2876-AYMT-EV | MIC2876-AYMT-EV | | | | MIC2876, 5.5V, 2MHz, Synch. Boost Regulator w/4.8A Switch - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33050-4YHL-EV | MIC33050-4YHL-EV | | | | MIC33050-4YHL, 5.5V, 1.2A, High Efficiency Inductor-less Buck Regulator Featuring Hyper Light Load - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33050-AYHL-EV | MIC33050-AYHL-EV | | | | MIC33050-AYHL, 5.5V, High Efficiency Inductor-less Buck Regulator Featuring Hyper Light Load - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33050-CYHL-EV | MIC33050-CYHL-EV | | | | MIC33050-CYHL, 5.5V, 600mA, High Efficiency Inductor-less Buck Regulator Featuring Hyper Light Load - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33050-GYHL-EV | MIC33050-GYHL-EV | | | | MIC33050-GYHL, 5.5V, 600mA, High Efficiency Inductor-less Buck Regulator Featuring Hyper Light Load - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33050-SYHL-EV | MIC33050-SYHL-EV | | | | MIC33050-SYHL, 5.5V, 600mA, High Efficiency Inductor-less Buck Regulator Featuring Hyper Light Load - Evaluation Board | | | | | | | 28.75 | | |
| 998-MIC33153-4YHJ-EV | MIC33153-4YHJ-EV | | | | MIC33153-4YHJ, 5.5V, 4MHz, 1.2A Int. Inductor Buck Switcher with Soft-Start, Power Good & HyperLight Load™ - Evaluation Board | | | | | | | 36.38 | | |
| 998-MIC33153YHJ-EV | MIC33153YHJ-EV | | | | MIC33153YHJ, 4MHz, 1.2A, Int. Inductor Buck Switcher with Soft-Start, Power Good & HyperLight Load™ - Evaluation Board | | | | | | | 45.99 | | |
| 998-MIC45205-2YMP-EV | MIC45205-2YMP-EV | | | | MIC45205-2YMP 6A, 26V, Synch. Step-Down DC-to-DC Power Module - Evaluation Board | | | | | | | 53.26 | | |
| 998-MIC45208-2YMP-EV | MIC45208-2YMP-EV | | | | MIC45208-2YMP 10A, 26V, Synch. Step-Down DC-to-DC Power Module - Evaluation Board | | | | | | | 53.26 | | |
| 998-MIC45212-1YMP-EV | MIC45212-1YMP-EV | | | | MIC45212-1YMP 14A, 26V Synch. Step-Down DC-to-DC Power Module - Evaluation Board | | | | | | | 65.21 | | |