| Parameter | Symbol | Test conditions | | | MIN | TYP | MAX | UNIT |
|---|---|---|---|---|---|---|---|---|
| Output voltage | Vo | | &) | ℃ | 14.4 | 15 | 15.6 | V |
| | | 17.5V≤Vi≤30V, Io=5mA-1A | ! &) ! %&) | ℃ | 14.25 | 15 | 15.75 | V |
| Load Regulation | ΔVo | Io=5mA-1.5A | &) | ℃ | | 12 | 300 | mV |
| | | Io=250mA-750mA | &) | ℃ | | 4 | 150 | mV |
| Line regulation | ΔVo | 17.5V≤Vi≤30V | &) | ℃ | | 12 | 300 | mV |
| | | 20V≤Vi≤26V | &) | ℃ | | 3 | 150 | mV |
| Quiescent Current | Iq | | &) | ℃ | | 4.3 | 8 | mA |
| Quiescent Current Change | ΔIq | 17.5V≤Vi≤30V | ! &) ! %&) | ℃ | | | 1 | mA |
| | ΔIq | 5mA≤Io≤1A | | | | | 0.5 | mA |
| Output voltage drift | Vo/T | Io=5mA | ! &) ! %&) | ℃ | | -1 | | mV/ |
| Output Noise Voltage | $V_N$ | 10Hz≤f≤100KHz | &) | ℃ | | 90 | | |
| Ripple Rejection | RR | 18.5V≤Vi≤28.5V,f=120Hz | &) ! %&) | ℃ | 54 | 70 | | |
| Dropout Voltage | Vd | Io=1A | &) | ℃ | | 2 | | V |
| Output resistance | $R_O$ | f=1KHz | &) | ℃ | | 19 | | mΩ |
| Short Circuit Current | Isc | | &) | ℃ | | 230 | | mA |
| Peak Current | Ipk | | &) | ℃ | | 2.1 | | A |

**TYPICAL APPLICATION**