

LM2595

1.0 A

LM2595 (/) / 1A LM2595 150 kHz 5 TO-220 5 D2PAK LM2595 / +/-4% +/-15% 80 μA 2 3.0A LM25960.5A LM2594

- Adjustable output voltage range, 1.2V to 37V +/-4% max over line and load
- Available in TO-220 and D2PAK packages
- Guaranteed 1A output load current
- Input voltage range up to 40V
- Excellent line and load regulation specifications
- 150 kHz fixed frequency internal oscillator
- TTL shutdown capability
- Low power standby mode, Iq typically 80 μA
- Uses readily available standard inductors
- Thermal shutdown and current limit
- For more features, see the data sheet
- Flexible to configure for different output voltages and applications
- Different mounting options
- High power designs
- Can be used with several input voltage supplies (+12V, +24V, +36V)
- Provides a stable power supply
- No external component required to set frequency
- Easy to implement low power modes
- Power saving mode
- Quick and easy implementation
- Additional protection against faults
- Simple high-efficiency step-down (buck) regulator
- On-card switching regulators
- Positive to negative converter
- LCD-TV SMPS

	Pricing (\$/Unit)	Compliance	Status	Topology	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	V _O Typ (V)	I _O Typ (A)	Efficiency (%)	f _{sw} Typ (kHz)	Package Type
LM2595DSADJR4G	0.9602	Pb H	Active	Step-Down	Voltage Mode	4.5	40	1.25	1	85	150	D ² PAK-5
LM2595TADJG	1.0764	Pb H	Active	Step-Down	Voltage Mode	4.5	40	1.25	1	85	150	TO-220-5

