

## Product Overview

### MC79L18: Linear Voltage Regulator, Negative, 18 V, 100 mA

For complete documentation, see the data sheet

#### Product Description

The MC79L00 negative linear voltage regulator is an inexpensive, easy-to-use device suitable for numerous applications requiring up to 100 mA. Like the higher powered MC7900 Series negative regulators, this linear voltage regulator features thermal shutdown and current limiting, making it remarkably rugged. In most applications, no external components are required for operation.

The MC79L00 linear voltage regulator is useful for on-card regulation or any other application where a regulated negative voltage at a modest current level is needed. This regulator offers substantial advantages over the common resistor/zenor diode approach.

#### Features

- No External Components Required
- Internal Short Circuit Current Limiting
- Internal Thermal Overload Protection
- Low Cost
- Complementary Positive Regulators Offered (MC78L00 Series)
- Pb-Free Packages are Available

#### Part Electrical Specifications

Product	Compliance	Status	Output	Polarity	V <sub>O</sub> (V)	I <sub>O</sub> Typ (A)	V <sub>I</sub> Max (V)	V <sub>DO</sub> Typ (V)	I <sub>q</sub> Typ (mA)	PSRR (dB)	Noise (μV <sub>rms</sub> )	Package Type
MC79L18ABPRPG	Pb-free Halide free	Active	Single	Negative	-18	0.1	-35	1.7	6	49	40	TO-92
MC79L18ACPG	Pb-free Halide free	Active	Single	Negative	-18	0.1	-35	1.7	6	49	40	TO-92

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