



Product Overview

MC79L12: Linear Voltage Regulator, Negative, 12 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/zener 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 _O (V)	I _O Typ (A)	V _I Max (V)	V _{DO} Typ (V)	I _q Typ (mA)	PSRR (dB)	Noise (μV _{rms})	Package Type
MC79L12ABDG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	SOIC-8
MC79L12ABDR2G	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	SOIC-8
MC79L12ABPG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	TO-92
MC79L12ABPRAG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	TO-92
MC79L12ACDG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	SOIC-8
MC79L12ACDR2G	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	SOIC-8
MC79L12ACPG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	TO-92
MC79L12ACPRAG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	TO-92
MC79L12ACPRPG	Pb-free Halide free	Active	Single	Negative	-12	0.1	-35	1.7	6	49	40	TO-92

For more information please contact your local sales support at www.onsemi.com

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