



Product Overview

MC79M12: Linear Voltage Regulator, Negative, 12 V, 500 mA

For complete documentation, see the data sheet

Product Description

The MC79M00 Negative Linear Voltage Regulator is intended as a complement to the popular MC78M00 series devices.

Available in fixed output voltage options of -5.0, -8.0, -12 and -15 V, this Negative Linear Voltage Regulator employs current limiting, thermal shutdown and safe-area compensation - making it remarkably rugged under most operating conditions. With adequate heatsinking, it can deliver output currents in excess of 0.5 A.

Features

- No External Components Required
- Internal Thermal Overload Protection
- Internal Short Circuit Current Limiting
- Output Transistor Safe-Area Compensation
- Also Available in Surface Mount DPAK (DT) Package DEVICE TYPE/NOMINAL OUTPUT VOLTAGE MC79M05 -5.0 VMC79M12 -12 V MC79M08-8.0 VMC79M15-15 V
- Pb-Free Package May be Available. The G-Suffix Denotes a

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
MC79M12BDTG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M12BDTRKG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M12BTG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	TO-220-3
MC79M12CDTG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M12CDTRKG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M12CTG	Pb-free Halide free	Active	Single	Negative	-12	0.5	-35	1.1	4.3	66	40	TO-220-3

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

Created on: 7/11/2015