



## Product Overview

### MC79M08: Linear Voltage Regulator, Negative, 8.0 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 <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
MC79M08BDTG	Pb-free Halide free	Active	Single	Negative	-8	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M08BDTRKG	Pb-free Halide free	Active	Single	Negative	-8	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M08BTG	Pb-free Halide free	Active	Single	Negative	-8	0.5	-35	1.1	4.3	66	40	TO-220-3
MC79M08CDTG	Pb-free Halide free	Active	Single	Negative	-8	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M08CDTRKG	Pb-free Halide free	Active	Single	Negative	-8	0.5	-35	1.1	4.3	66	40	DPAK-3
MC79M08CTG	Pb-free Halide free	Active	Single	Negative	-8	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](http://www.onsemi.com)

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