

MPQ2029GN-AEC1 Information


For Reference Only

Part Number [MPQ2029GN-AEC1](#)
Manufacturer Monolithic Power Systems Inc.
Category Integrated Circuits (ICs)
[PMIC - Voltage Regulators - Linear](#)
Description AUTOMOTIVE GRADE 40V 450MA LO
Package 8-SOIC (0.154", 3.90mm Width) Exposed Pad
 For the pricing/inventory/lead time, please contact us
 Website: <https://www.heisener.com>
 E-mail: salesdept@heisener.com


[Request a Quote](#)
Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.


MPQ2029GN-AEC1 Specifications

Manufacturer Part Number	MPQ2029GN-AEC1
Manufacturer	Monolithic Power Systems Inc.
Category	Integrated Circuits (ICs) PMIC - Voltage Regulators - Linear
Package	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Series	Automotive, AEC-Q100
Output Configuration	Positive
Output Type	Adjustable
Number of Regulators	1
Voltage - Input (Max)	40V
Voltage - Output (Min/Fixed)	1.25V
Voltage - Output (Max)	15V
Voltage Dropout (Max)	1.3V @ 450mA
Current - Output	450mA
Current - Quiescent (Iq)	15µA
Current - Supply (Max)	95µA
PSRR	57dB ~ 51dB (100Hz ~ 100kHz)
Control Features	Enable, Power Good
Protection Features	Over Current, Over Temperature, Short Circuit
Operating Temperature	-40°C ~ 125°C (TA)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width) Exposed Pad
Supplier Device Package	8-SOIC-EP

[Report errors?](#)

MPQ2029GN-AEC1 Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

MPQ2029GN-AEC1 Payment Methods



MPQ2029GN-AEC1 Shipping Methods



If you have any question about MPQ2029GN-AEC1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com