

MPQ2019GN-5-Z Information


For Reference Only

Part Number [MPQ2019GN-5-Z](#)
Manufacturer Monolithic Power Systems Inc.
Category Integrated Circuits (ICs)
 [PMIC - Voltage Regulators - Linear](#)
Description INDUSTRIAL GRADE 40V 300MA 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


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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.


MPQ2019GN-5-Z Specifications

| | |
|------------------------------|---|
| Manufacturer Part Number | MPQ2019GN-5-Z |
| 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 | Fixed |
| Number of Regulators | 1 |
| Voltage - Input (Max) | 40V |
| Voltage - Output (Min/Fixed) | 5V |
| Voltage - Output (Max) | - |
| Voltage Dropout (Max) | 0.64V @ 300mA |
| Current - Output | 300mA |
| Current - Quiescent (Iq) | 16µA |
| 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?](#)

MPQ2019GN-5-Z 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.

MPQ2019GN-5-Z Payment Methods



MPQ2019GN-5-Z Shipping Methods



If you have any question about MPQ2019GN-5-Z, please do not hesitate to contact us!

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