

MIC4452BM Information


For Reference Only

Part Number [MIC4452BM](#)
Manufacturer Microchip Technology
Category Integrated Circuits (ICs)
[PMIC - Gate Drivers](#)
Description IC DRIVER MOSF 12A LO SIDE 8SOIC
Package 8-SOIC (0.154", 3.90mm Width)
 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.


MIC4452BM Specifications

Manufacturer Part Number	MIC4452BM
Manufacturer	Microchip Technology
Category	Integrated Circuits (ICs) PMIC - Gate Drivers
Package	8-SOIC (0.154", 3.90mm Width)
Series	-
Driven Configuration	Low-Side
Channel Type	Single
Number of Drivers	1
Gate Type	IGBT, N-Channel MOSFET
Voltage - Supply	4.5 V ~ 18 V
Logic Voltage - VIL, VIH	0.8V, 2.4V
Current - Peak Output (Source, Sink)	12A, 12A
Input Type	Non-Inverting
High Side Voltage - Max (Bootstrap)	-
Rise / Fall Time (Typ)	20ns, 24ns
Operating Temperature	-40°C ~ 85°C (TA)
Mounting Type	Surface Mount
Package / Case	8-SOIC (0.154", 3.90mm Width)
Supplier Device Package	8-SOIC
Report errors?	

MIC4452BM 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.

MIC4452BM Payment Methods



MIC4452BM Shipping Methods



If you have any question about MIC4452BM, please do not hesitate to contact us!

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