

IR3742MTRPBF Information


For Reference Only

Part Number [IR3742MTRPBF](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Full, Half-Bridge Drivers](#)
Description IC POWER SUPPLY MONITOR MLPQ
Package 17-PowerVQFN
 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.


IR3742MTRPBF Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | IR3742MTRPBF |
| Manufacturer | Infineon Technologies |
| Category | Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers |
| Package | 17-PowerVQFN |
| Series | PowIRstage? |
| Output Configuration | Half Bridge |
| Applications | Synchronous Buck Converters |
| Interface | PWM |
| Load Type | Inductive |
| Technology | Power MOSFET |
| Rds On (Typ) | 4 mOhm LS, 8 mOhm HS |
| Current - Output / Channel | 20A |
| Current - Peak Output | - |
| Voltage - Supply | 4.5 V ~ 7.5 V |
| Voltage - Load | 1 V ~ 21 V |
| Operating Temperature | -40°C ~ 125°C (TJ) |
| Features | Bootstrap Circuit, Status Flag |
| Fault Protection | Current Limiting, Over Temperature, UVLO |
| Mounting Type | Surface Mount |
| Package / Case | 17-PowerVQFN |
| Supplier Device Package | 17-PQFN (5x6) |

[Report errors?](#)

IR3742MTRPBF 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.

IR3742MTRPBF Payment Methods



IR3742MTRPBF Shipping Methods



If you have any question about IR3742MTRPBF, please do not hesitate to contact us!

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