

SIC645ER-T1-GE3 Information


For Reference Only

Part Number [SIC645ER-T1-GE3](#)
Manufacturer Vishay Siliconix
Category Integrated Circuits (ICs)
[PMIC - Full, Half-Bridge Drivers](#)
Description 60A VRPOWERSMART POWER STAGE(SPS)
Package 32-PowerWFQFN, Module
 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.


SIC645ER-T1-GE3 Specifications

| | |
|----------------------------|---|
| Manufacturer Part Number | SIC645ER-T1-GE3 |
| Manufacturer | Vishay Siliconix |
| Category | Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers |
| Package | 32-PowerWFQFN, Module |
| Series | VRPower® |
| Output Configuration | Half Bridge |
| Applications | Synchronous Buck Converters, Voltage Regulators |
| Interface | PWM |
| Load Type | Inductive |
| Technology | NMOS |
| Rds On (Typ) | 0.76 mOhm LS, 3.6 mOhm HS |
| Current - Output / Channel | - |
| Current - Peak Output | - |
| Voltage - Supply | 4.75 ~ 5.25 V |
| Voltage - Load | 4.5 V ~ 18 V |
| Operating Temperature | -40°C ~ 125°C (TJ) |
| Features | Bootstrap Circuit, Status Flag |
| Fault Protection | Current Limiting, Over Temperature, Shoot-Through, UVLO |
| Mounting Type | Surface Mount |
| Package / Case | 32-PowerWFQFN, Module |
| Supplier Device Package | PowerPAK® MLP55-32 Double Cooling |

[Report errors?](#)

SIC645ER-T1-GE3 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.

SIC645ER-T1-GE3 Payment Methods



SIC645ER-T1-GE3 Shipping Methods



If you have any question about SIC645ER-T1-GE3, please do not hesitate to contact us!

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