

2EDS8165HXUMA1 Information



For Reference Only

Part Number [2EDS8165HXUMA1](#)
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
[PMIC - Gate Drivers](#)
Description DRIVER IC
Package 16-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.



2EDS8165HXUMA1 Specifications

| | |
|--------------------------------------|--|
| Manufacturer Part Number | 2EDS8165HXUMA1 |
| Manufacturer | Infineon Technologies |
| Category | Integrated Circuits (ICs) PMIC - Gate Drivers |
| Package | 16-SOIC (0.154", 3.90mm Width) |
| Series | EiceDriver™ |
| Driven Configuration | Half-Bridge |
| Channel Type | Independent |
| Number of Drivers | 2 |
| Gate Type | N-Channel, P-Channel MOSFET |
| Voltage - Supply | 3 V ~ 3.5 V |
| Logic Voltage - VIL, VIH | 1.2V, 2V |
| Current - Peak Output (Source, Sink) | 1A, 2A |
| Input Type | Non-Inverting |
| High Side Voltage - Max (Bootstrap) | - |
| Rise / Fall Time (Typ) | 6.5ns, 4.5ns |
| Operating Temperature | -40°C ~ 150°C (TJ) |
| Mounting Type | Surface Mount |
| Package / Case | 16-SOIC (0.154", 3.90mm Width) |
| Supplier Device Package | PG-DSO-16 |
| Report errors? | |

2EDS8165HXUMA1 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.

2EDS8165HXUMA1 Payment Methods



2EDS8165HXUMA1 Shipping Methods



If you have any question about 2EDS8165HXUMA1, please do not hesitate to contact us!

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