



TC4627EOE Information



For Reference Only

Part Number TC4627EOE

Manufacturer Microchip Technology

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC MOSFET DRIVER 1.5A 16SOIC **Package** 16-SOIC (0.295", 7.50mm Width)

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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TC4627EOE Specifications

| Manufacturer Part Number Manufacturer Microchip Technology Integrated Circuits (ICs) PMIC - Gate Drivers Package 16-SOIC (0.295", 7.50mm Width) Series - Driven Configuration High-Side or Low-Side Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 6 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature Mounting Type Surface Mount Package / Case 16-SOIC Report errors? **Report errors?** | | |
|---|--------------------------------------|--------------------------------|
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| Series-Driven ConfigurationHigh-Side or Low-SideChannel TypeSingleNumber of Drivers1Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4 V ~ 6 VLogic Voltage - VIL, VIH0.8V, 2.4VCurrent - Peak Output (Source, Sink)1.5A, 1.5AInput TypeNon-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)33ns, 27nsOperating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case16-SOIC (0.295", 7.50mm Width)Supplier Device Package16-SOIC | | PMIC - Gate Drivers |
| Driven Configuration Channel Type Single Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 6 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 33ns, 27ns Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Package | 16-SOIC (0.295", 7.50mm Width) |
| Channel Type Number of Drivers 1 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 6 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 33ns, 27ns Operating Temperature 40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Series | - |
| Number of Drivers Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 6 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Driven Configuration | High-Side or Low-Side |
| Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4 V ~ 6 V Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 33ns, 27ns Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Channel Type | Single |
| Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2.4V Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Number of Drivers | 1 |
| Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Gate Type | N-Channel, P-Channel MOSFET |
| Current - Peak Output (Source, Sink) Input Type Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Voltage - Supply | 4 V ~ 6 V |
| Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Logic Voltage - VIL, VIH | 0.8V, 2.4V |
| High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package | Current - Peak Output (Source, Sink) | 1.5A, 1.5A |
| Rise / Fall Time (Typ) $33ns, 27ns$ Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC | Input Type | Non-Inverting |
| Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC | High Side Voltage - Max (Bootstrap) | - |
| Mounting Type Surface Mount Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC | Rise / Fall Time (Typ) | 33ns, 27ns |
| Package / Case 16-SOIC (0.295", 7.50mm Width) Supplier Device Package 16-SOIC | Operating Temperature | -40°C ~ 85°C (TA) |
| Supplier Device Package 16-SOIC | Mounting Type | Surface Mount |
| | Package / Case | 16-SOIC (0.295", 7.50mm Width) |
| Report errors? | Supplier Device Package | 16-SOIC |
| report circus. | | Report errors? |

TC4627EOE 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.

TC4627EOE Payment Methods



















TC4627EOE Shipping Methods













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