



MAX628MJA/883B Information



For Reference Only

Part Number MAX628MJA/883B

Manufacturer Maxim Integrated

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

DescriptionIC MOSFET DRVR COTSPackage8-CDIP (0.300", 7.62mm)

For the pricing/inventory/lead time, please contact

us

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MAX628MJA/883B Specifications

| Manufacturer Part NumberMAX628MJA/883BManufacturerMaxim IntegratedCategoryIntegrated Circuits (ICs)PMIC - Gate DriversPackage8-CDIP (0.300", 7.62mm)SeriesMilitary, MIL-STD-883Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 20nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CERDIP | | |
|--|--------------------------------------|-----------------------------|
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| Package8-CDIP (0.300", 7.62mm)SeriesMilitary, MIL-STD-883Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 20nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CERDIP | Category | Integrated Circuits (ICs) |
| SeriesMilitary, MIL-STD-883Driven ConfigurationLow-SideChannel TypeIndependentNumber of Drivers2Gate TypeN-Channel, P-Channel MOSFETVoltage - Supply4.5 V ~ 18 VLogic Voltage - VIL, VIH0.8V, 2VCurrent - Peak Output (Source, Sink)2A, 2AInput TypeInverting, Non-InvertingHigh Side Voltage - Max (Bootstrap)-Rise / Fall Time (Typ)25ns, 20nsOperating Temperature-55°C ~ 125°C (TA)Mounting TypeThrough HolePackage / Case8-CDIP (0.300", 7.62mm)Supplier Device Package8-CERDIP | | PMIC - Gate Drivers |
| Driven Configuration Channel Type Independent Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Package | 8-CDIP (0.300", 7.62mm) |
| Channel Type Number of Drivers 2 Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) - Rise / Fall Time (Typ) 25ns, 20ns Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Series | Military, MIL-STD-883 |
| Number of Drivers Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Driven Configuration | Low-Side |
| Gate Type N-Channel, P-Channel MOSFET Voltage - Supply 4.5 V ~ 18 V Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 25ns, 20ns Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Channel Type | Independent |
| Voltage - Supply Logic Voltage - VIL, VIH 0.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Number of Drivers | 2 |
| Logic Voltage - VIL, VIH O.8V, 2V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Gate Type | N-Channel, P-Channel MOSFET |
| Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Voltage - Supply | 4.5 V ~ 18 V |
| Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package | Logic Voltage - VIL, VIH | 0.8V, 2V |
| High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 25ns, 20ns Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CERDIP | Current - Peak Output (Source, Sink) | 2A, 2A |
| Rise / Fall Time (Typ) 25ns, 20ns Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CERDIP | Input Type | Inverting, Non-Inverting |
| Operating Temperature -55°C ~ 125°C (TA) Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CERDIP | High Side Voltage - Max (Bootstrap) | - |
| Mounting Type Through Hole Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CERDIP | Rise / Fall Time (Typ) | 25ns, 20ns |
| Package / Case 8-CDIP (0.300", 7.62mm) Supplier Device Package 8-CERDIP | Operating Temperature | -55°C ~ 125°C (TA) |
| Supplier Device Package 8-CERDIP | Mounting Type | Through Hole |
| | Package / Case | 8-CDIP (0.300", 7.62mm) |
| Report errors? | Supplier Device Package | 8-CERDIP |
| | | Report errors? |

MAX628MJA/883B 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.

MAX628MJA/883B Payment Methods





















MAX628MJA/883B Shipping Methods













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