

2ED020I12F2XUMA1

2ED020I12F2XUMA1 Information



For Reference Only

Part Number 2ED020I12F2XUMA1
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER IGBT DSO36

Package 36-BSSOP (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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2ED020I12F2XUMA1 Specifications

Manufacturer Category Integrated Circuits (ICs) PMIC - Gate Drivers Package 36-BSSOP (0.295", 7.50mm Width) Series EiceDriver? Driven Configuration Half-Bridge Channel Type Independent Number of Drivers 2 Gate Type IGBT Voltage - Supply 13 V ~ 20 V Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) 12 A, 2A Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) 30ns, 50ns Operating Temperature 4-0°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package		
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Gate Type Voltage - Supply Logic Voltage - VIL, VIH Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package	Channel Type	Independent
Voltage - Supply Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package	Number of Drivers	2
Logic Voltage - VIL, VIH 1.5V, 3.5V Current - Peak Output (Source, Sink) Input Type Inverting, Non-Inverting High Side Voltage - Max (Bootstrap) 1200V Rise / Fall Time (Typ) 30ns, 50ns Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package	Gate Type	IGBT
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Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package PG-DSO-36-38	High Side Voltage - Max (Bootstrap)	1200V
Mounting Type Surface Mount Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package PG-DSO-36-38	Rise / Fall Time (Typ)	30ns, 50ns
Package / Case 36-BSSOP (0.295", 7.50mm Width) Supplier Device Package PG-DSO-36-38	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package PG-DSO-36-38	Mounting Type	Surface Mount
1	Package / Case	36-BSSOP (0.295", 7.50mm Width)
Report errors?	Supplier Device Package	PG-DSO-36-38
Report circus.		Report errors?

2ED020I12F2XUMA1 Guarantees



Ouality 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.

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