

IRS2453DSTRPBF

IRS2453DSTRPBF Information



For Reference Only

Part Number IRS2453DSTRPBF

Manufacturer Infineon Technologies

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

Description IC DRIVER FULL SELF OSC 14-SOIC **Package** 14-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



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IRS2453DSTRPBF Specifications

Manufacturer Part Number IRS2453DSTRPBF Manufacturer Infineon Technologies Category Integrated Circuits (ICs) Package 14-SOIC (0.154", 3.90mm Width) Series - Driven Configuration Half-Bridge Channel Type Synchronous Number of Drivers 4 Gate Type N-Channel MOSFET Voltage - Supply 10 V ~ 15.6 V Logic Voltage - VIL, VIH 4.7V, 9.3V Current - Peak Output (Source, Sink) 180mA, 260mA Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 120ns, 50ns Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC		
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Voltage - Supply Logic Voltage - VIL, VIH 4.7V, 9.3V Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 120ns, 50ns Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Drivers	4
Logic Voltage - VIL, VIH Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 120ns, 50ns Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Gate Type	N-Channel MOSFET
Current - Peak Output (Source, Sink) Input Type RC Input Circuit High Side Voltage - Max (Bootstrap) 600V Rise / Fall Time (Typ) 120ns, 50ns Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Supply	10 V ~ 15.6 V
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Operating Temperature -25°C ~ 125°C (TJ) Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	High Side Voltage - Max (Bootstrap)	600V
Mounting Type Surface Mount Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Rise / Fall Time (Typ)	120ns, 50ns
Package / Case 14-SOIC (0.154", 3.90mm Width) Supplier Device Package 14-SOIC	Operating Temperature	-25°C ~ 125°C (TJ)
Supplier Device Package 14-SOIC	Mounting Type	Surface Mount
	Package / Case	14-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	14-SOIC
		Report errors?

IRS2453DSTRPBF 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.

IRS2453DSTRPBF Payment Methods





















IRS2453DSTRPBF Shipping Methods













If you have any question about IRS2453DSTRPBF, please do not hesitate to contact us!

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