



## **HIP4083ABT Information**

Part Number HIP4083ABT

Manufacturer Intersil

Category Integrated Circuits (ICs)
PMIC - Gate Drivers

**Description** IC DRIVER HISIDE N-CH 3PH 16SOIC

**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



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# **Certified Quality**

For Reference Only

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# **HIP4083ABT Specifications**

Manufacturer Part Number  Manufacturer  Intersil  Integrated Circuits (ICs)  PMIC - Gate Drivers  Package  16-SOIC (0.154", 3.90mm Width)  Series  - Driven Configuration  High-Side 3-Phase  Number of Drivers  3  Gate Type  N-Channel MOSFET  Voltage - Supply  17 V ~ 15 V  Logic Voltage - VIL, VIH  1V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package  16-SOIC  Report errors?		
Category  Package Package 16-SOIC (0.154", 3.90mm Width) Series - Driven Configuration High-Side Channel Type 3-Phase Number of Drivers 3 Gate Type N-Channel MOSFET Voltage - Supply Logic Voltage - VIL, VIH 1V, 2.5V  Current - Peak Output (Source, Sink) Input Type High Side Voltage - Max (Bootstrap) Rise / Fall Time (Typ) Operating Temperature  Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package  Integrated Circuits (ICs) PMIC - Gate Drivers PAGRED Tivers  Integrated Circuits (ICs) PMIC - Gate Drivers PAGRED Tivers PAGRED Tivers  Integrated Circuits (ICs) PMIC - Gate Drivers PAGRED Tivers PAGR	Manufacturer Part Number	HIP4083ABT
Package 16-SOIC (0.154", 3.90mm Width)  Series - Driven Configuration High-Side Channel Type 3-Phase Number of Drivers 3 Gate Type N-Channel MOSFET Voltage - Supply 7 V ~ 15 V Logic Voltage - VIL, VIH 1V, 2.5V  Current - Peak Output (Source, Sink) - Input Type Inverting High Side Voltage - Max (Bootstrap) 95V  Rise / Fall Time (Typ) 35ns, 30ns Operating Temperature -40°C ~ 150°C (TJ)  Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package	Manufacturer	Intersil
Package16-SOIC (0.154", 3.90mm Width)Series-Driven ConfigurationHigh-SideChannel Type3-PhaseNumber of Drivers3Gate TypeN-Channel MOSFETVoltage - Supply7 V ~ 15 VLogic Voltage - VIL, VIH1V, 2.5VCurrent - Peak Output (Source, Sink)-Input TypeInvertingHigh Side Voltage - Max (Bootstrap)95VRise / Fall Time (Typ)35ns, 30nsOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Category	Integrated Circuits (ICs)
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Gate Type  N-Channel MOSFET  7 V ~ 15 V  Logic Voltage - VIL, VIH  1V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Channel Type	3-Phase
Voltage - Supply  Logic Voltage - VIL, VIH  1V, 2.5V  Current - Peak Output (Source, Sink)  Input Type  Inverting  High Side Voltage - Max (Bootstrap)  Rise / Fall Time (Typ)  Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package	Number of Drivers	3
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Operating Temperature  -40°C ~ 150°C (TJ)  Mounting Type  Surface Mount  Package / Case  16-SOIC (0.154", 3.90mm Width)  Supplier Device Package  16-SOIC	High Side Voltage - Max (Bootstrap)	95V
Mounting Type Surface Mount Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Rise / Fall Time (Typ)	35ns, 30ns
Package / Case 16-SOIC (0.154", 3.90mm Width) Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 16-SOIC	Mounting Type	Surface Mount
	Package / Case	16-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	16-SOIC
· ·		Report errors?

#### **HIP4083ABT 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.

## **HIP4083ABT Payment Methods**



















## **HIP4083ABT Shipping Methods**













If you have any question about HIP4083ABT, please do not hesitate to contact us!

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