



LB1980H-TRM-E Information

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For Reference Only

Part Number LB1980H-TRM-E
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

Description IC MOTOR DRIVER PAR HSOP28H

Package 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat

Tabs

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

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LB1980H-TRM-E Specifications

Manufacturer Part Number LB1980H-TRM-E Manufacturer ON Semiconductor Category Integrated Circuits (ICs) PACKAGE 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Series - Motor Type - Stepper - Motor Type - AC, DC Brushless DC (BLDC) Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (3) Interface Parallel Technology Bipolar Step Resolution - Applications Media Player Current - Output 1.3A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 5 V ~ 22 V Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP			
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Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (3) Interface Parallel Technology Bipolar Step Resolution - Applications Media Player Current - Output 1.3A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 5 V ~ 22 V Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Motor Type - Stepper	-	
Output ConfigurationHalf Bridge (3)InterfaceParallelTechnologyBipolarStep Resolution-ApplicationsMedia PlayerCurrent - Output1.3AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load5 V ~ 22 VOperating Temperature-20°C ~ 75°C (TA)Mounting TypeSurface MountPackage / Case28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat TabsSupplier Device Package28-HSOP	Motor Type - AC, DC	Brushless DC (BLDC)	
Interface Parallel Technology Bipolar Step Resolution - Applications Media Player Current - Output 1.3A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 5 V ~ 22 V Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Function	Driver - Fully Integrated, Control and Power Stage	
Technology Step Resolution Applications Media Player Current - Output 1.3A Voltage - Supply Voltage - Load Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package	Output Configuration	Half Bridge (3)	
Step Resolution - Applications Media Player Current - Output 1.3A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 5 V ~ 22 V Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Interface	Parallel	
ApplicationsMedia PlayerCurrent - Output $1.3A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 22 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 28-SOP (0.311° , 7.90mm) Exposed Pad + 2 Heat TabsSupplier Device Package 28-HSOP	Technology	Bipolar	
Current - Output $1.3A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 22 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ (TA)Mounting TypeSurface MountPackage / Case 28-SOP (0.311° , 7.90mm) Exposed Pad + 2 Heat TabsSupplier Device Package 28-HSOP	Step Resolution	-	
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $5 \text{ V} \sim 22 \text{ V}$ Operating Temperature $-20^{\circ}\text{C} \sim 75^{\circ}\text{C}$ (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Applications	Media Player	
Voltage - Load 5 V ~ 22 V Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Current - Output	1.3A	
Operating Temperature -20°C ~ 75°C (TA) Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Voltage - Supply	4.5 V ~ 5.5 V	
Mounting Type Surface Mount Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Voltage - Load	5 V ~ 22 V	
Package / Case 28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs Supplier Device Package 28-HSOP	Operating Temperature	-20°C ~ 75°C (TA)	
Supplier Device Package 28-HSOP	Mounting Type	Surface Mount	
	Package / Case	28-SOP (0.311", 7.90mm) Exposed Pad + 2 Heat Tabs	
Report errors's	Supplier Device Package	28-HSOP	
			Report errors?

LB1980H-TRM-E 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.

LB1980H-TRM-E Payment Methods



















LB1980H-TRM-E Shipping Methods













If you have any question about LB1980H-TRM-E, please do not hesitate to contact us!

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