

MIC2546-2BM

MIC2546-2BM Information

www.beisener.com	 MIC2546-2BM Microchip Technology Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers IC SW CURR LIMIT DUAL 16-SOP 16-SOIC (0.154", 3.90mm Width) For the pricing/inventory/lead time, please contact us	
For Reference Only	Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MIC2546-2BM Specifications

Manufacturer Microchip Technology Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 16-SOIC (0.154", 3.90mm Width) Series - Switch Type USB Switch Number of Outputs 2 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 2.7 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Input Type 80 mOhm Input Type Somoham Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Adjustable), Over Temperature, Reverse Current Operating Temperature 40°C ~ 85°C (TA)			
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeUSB SwitchSwitch TypeUSB SwitchNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNon-Inverting80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	MIC2546-2BM	
PMIC - Power Distribution Switches, Load DriversPackage16-SOIC (0.154", 3.90mm Width)Series-Switch TypeUSB SwitchNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature4-0°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Manufacturer	Microchip Technology	
Package16-SOIC (0.154", 3.90mm Width)Series-Switch TypeUSB SwitchNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Category	Integrated Circuits (ICs)	
Series-SwitchUSB SwitchNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC		PMIC - Power Distribution Switches, Load Drivers	
Switch TypeUSB SwitchNumber of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInterfaceStatus FlagFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature40°C ~ 85°C (TA)Supplier Device Package16-SOIC (0.154", 3.90mm Width)	Package	16-SOIC (0.154", 3.90mm Width)	
Number of Outputs2Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Series	-	
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Switch Type	USB Switch	
Output ConfigurationHigh SideOutput TypeN-ChannelOn/OffOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Number of Outputs	2	
Output TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Ratio - Input:Output	1:1	
InterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Output Configuration	High Side	
Voltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)	Output Type	N-Channel	
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Interface	On/Off	
Current - Output (Max)1.5ARds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Load	2.7 V ~ 5.5 V	
Rds On (Typ)80 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Voltage - Supply (Vcc/Vdd)	Not Required	
Input TypeNon-InvertingInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Current - Output (Max)	1.5A	
FeaturesStatus FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Rds On (Typ)	80 mOhm	
Fault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Input Type	Non-Inverting	
Operating Temperature-40°C ~ 85°C (TA)Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Features	Status Flag	
Package / Case16-SOIC (0.154", 3.90mm Width)Supplier Device Package16-SOIC	Fault Protection	Current Limiting (Adjustable), Over Temperature, Reverse Current	
Supplier Device Package 16-SOIC	Operating Temperature	-40°C ~ 85°C (TA)	
	Package / Case	16-SOIC (0.154", 3.90mm Width)	
Report errors?	Supplier Device Package	16-SOIC	
			Report errors?

MIC2546-2BM 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 BUARANTEE

Service Guarantees

We guarantee 100% customer satisfaction. Our experienced sales team and tech support team back our services to satisfy all our customers.

MIC2546-2BM Payment Methods



MIC2546-2BM Shipping Methods



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