

MIC2545A-1YTS

MIC2545A-1YTS Information

itititi wyw.bbbbne.com 	 MIC2545A-1YTS Microchip Technology Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers IC SW CURR LIMIT HI SIDE 14TSSOP 14-TSSOP (0.173", 4.40mm Width) For the pricing/inventory/lead time, please contact	
For Reference Only	us Website: https://www.heisener.com E-mail: salesdept@heisener.com	Request a Quote

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MIC2545A-1YTS Specifications

ManufacturerMicrochip TechnologyIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage14-TSSOP (0.173", 4.40mm Width)Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeNorderNorder - Sorder0/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNorder3ARats On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature44-TSSOP (0.173", 4.40mm Width)				
CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackage14-TSSOP (0.173", 4.40mm Width)Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredNon-Inverting3ARds On (Typ)35 mOhmInput TypeSew Rate Controlled, Status FlagFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOPSupplier Device Package14-TSSOP	Manufacturer Part Number	MIC2545A-1YTS		
PMIC - Power Distribution Switches, Load DriversPackage14-TSSOP (0.173", 4.40mm Width)Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredRds On (Typ)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Supplier Device Package14-TSSOP	Manufacturer	Microchip Technology		
Package14-TSSOP (0.173", 4.40mm Width)Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)	Category	Integrated Circuits (ICs)		
Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeSea Current Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP		PMIC - Power Distribution Switches, Load Drivers		
Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)Sim OhmInterfaceSew Rate Controlled, Status FlagFeaturesSlew Rate Controlled, Status FlagPackage / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Package	14-TSSOP (0.173", 4.40mm Width)		
Number of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Supplier Device Package14-TSSOP (0.173", 4.40mm Width)	Series	-		
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)	Switch Type	USB Switch		
Output ConfigurationHigh SideOutput TypeN-ChannelOutput TypeOn/OffInterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)	Number of Outputs	1		
Output TypeN-ChannelInterfaceOn/OffVoltage - Load $2.7 V \sim 5.5 V$ Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Ratio - Input:Output	1:1		
InterfaceOn/OffVoltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Output Configuration	High Side		
Voltage - Load2.7 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)	Output Type	N-Channel		
Voltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Interface	On/Off		
Current - Output (Max)3ARds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Voltage - Load	2.7 V ~ 5.5 V		
Rds On (Typ)35 mOhmInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Voltage - Supply (Vcc/Vdd)	Not Required		
Input TypeNon-InvertingInput TypeNon-InvertingFeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Current - Output (Max)	3A		
FeaturesSlew Rate Controlled, Status FlagFault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Rds On (Typ)	35 mOhm		
Fault ProtectionCurrent Limiting (Adjustable), Over Temperature, Reverse CurrentOperating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Input Type	Non-Inverting		
Operating Temperature-40°C ~ 85°C (TA)Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Features	Slew Rate Controlled, Status Flag		
Package / Case14-TSSOP (0.173", 4.40mm Width)Supplier Device Package14-TSSOP	Fault Protection	Current Limiting (Adjustable), Over Temperature, Reverse Current		
Supplier Device Package 14-TSSOP	Operating Temperature	$-40^{\circ}C \sim 85^{\circ}C$ (TA)		
	Package / Case	14-TSSOP (0.173", 4.40mm Width)		
Report errors?	Supplier Device Package	14-TSSOP		
			Report errors?	

MIC2545A-1YTS 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.

MIC2545A-1YTS Payment Methods



MIC2545A-1YTS Shipping Methods



If you have any question about MIC2545A-1YTS, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com