



SP2525A-2EN-L/TR Information



For Reference Only

Part Number SP2525A-2EN-L/TR
Manufacturer Exar Corporation
Category Integrated Circuits (ICs)

PMIC - Power Distribution Switches, Load Drivers

Description IC USB PWR SW HIGH-SIDE 8SOIC **Package** 8-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



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









SP2525A-2EN-L/TR Specifications

Manufacturer Part Number SP2525A-2EN-L/TR Manufacturer Exar Corporation Category Integrated Circuits (ICs) Package 8-SOIC (0.154", 3.90mm Width) Series - Switch Type USB Switch Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		
Category Integrated Circuits (ICs) PMIC - Power Distribution Switches, Load Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Switch Type USB Switch Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Manufacturer Part Number	SP2525A-2EN-L/TR
PMIC - Power Distribution Switches, Load Drivers Package 8-SOIC (0.154", 3.90mm Width) Series - Switch Type USB Switch Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Manufacturer	Exar Corporation
Package8-SOIC (0.154", 3.90mm Width)Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load3 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)70 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Category	Integrated Circuits (ICs)
Series - Switch Type USB Switch Number of Outputs 1 Ratio - Input: Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC		PMIC - Power Distribution Switches, Load Drivers
Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load3 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)70 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Package	8-SOIC (0.154", 3.90mm Width)
Number of Outputs Ratio - Input:Output 1:1 Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Series	-
Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load3 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)500mARds On (Typ)70 mOhmInput TypeNon-InvertingFeaturesStatus FlagFault ProtectionCurrent Limiting (Fixed), Over Temperature, UVLOOperating Temperature-40°C ~ 85°C (TA)Package / Case8-SOIC (0.154", 3.90mm Width)Supplier Device Package8-SOIC	Switch Type	USB Switch
Output Configuration Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Ourrent Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Number of Outputs	1
Output Type N-Channel Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Ratio - Input:Output	1:1
Interface On/Off Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Output Configuration	High Side
Voltage - Load 3 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 500mA Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Output Type	N-Channel
Voltage - Supply (Vcc/Vdd) Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Interface	On/Off
Current - Output (Max) Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package	Voltage - Load	3 V ~ 5.5 V
Rds On (Typ) 70 mOhm Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Voltage - Supply (Vcc/Vdd)	Not Required
Input Type Non-Inverting Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Current - Output (Max)	500mA
Features Status Flag Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Rds On (Typ)	70 mOhm
Fault Protection Current Limiting (Fixed), Over Temperature, UVLO Operating Temperature $-40^{\circ}\text{C} \sim 85^{\circ}\text{C}$ (TA) Package / Case 8-SOIC $(0.154^{\circ}, 3.90 \text{mm})$ Width) Supplier Device Package 8-SOIC	Input Type	Non-Inverting
Operating Temperature -40°C ~ 85°C (TA) Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Features	Status Flag
Package / Case 8-SOIC (0.154", 3.90mm Width) Supplier Device Package 8-SOIC	Fault Protection	Current Limiting (Fixed), Over Temperature, UVLO
Supplier Device Package 8-SOIC	Operating Temperature	-40°C ~ 85°C (TA)
	Package / Case	8-SOIC (0.154", 3.90mm Width)
Report errors?	Supplier Device Package	8-SOIC
		Report errors?

SP2525A-2EN-L/TR 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.

SP2525A-2EN-L/TR Payment Methods



















SP2525A-2EN-L/TR Shipping Methods













If you have any question about SP2525A-2EN-L/TR, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com