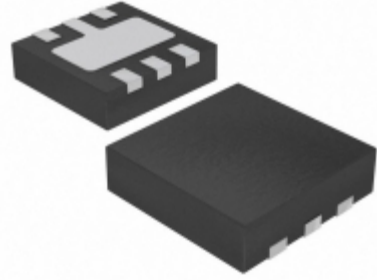


AP2501SN-7





Part Number: [AP2501SN-7](#)

Manufacturer: [Diodes Incorporated](#)

Description: USB POWER SWITCH U-DFN2020-6

Data sheet:  [AP2501, AP2511](#)

RoHs Status: Lead free / RoHS Compliant

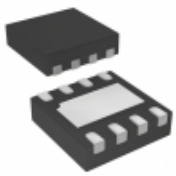
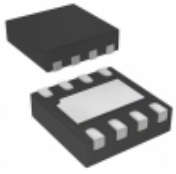
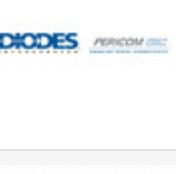
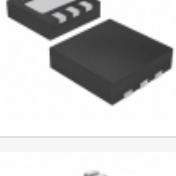
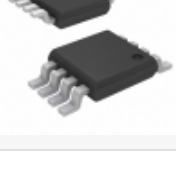
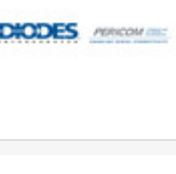
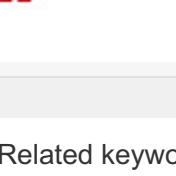
Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

Images are for reference only.
See Product Specifications for product details.
Buy AP2501SN-7 with confidence from Component-World.HK, 1 Year Warranty

Request For Quotation

PRODUCT PARAMETER			
Part Number	AP2501SN-7	Manufacturer	Diodes Incorporated
Description	USB POWER SWITCH U-DFN2020-6	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	415045 pcs	Data sheet	AP2501, AP2511
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	2.7 V ~ 5.5 V	Switch Type	USB Switch
Supplier Device Package	6-DFN2020 (2x2)	Series	-
Rds On (Typ)	70 mOhm	Ratio - Input:Output	1:1
Packaging	Cut Tape (CT)	Package / Case	6-UDFN Exposed Pad
Output Type	P-Channel	Output Configuration	High Side
Other Names	AP2501SN-7DICT	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Load Discharge, Status Flag
Fault Protection	Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO	Current - Output (Max)	2.5A
Base Part Number	AP2501		
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RELATED PRODUCTS			
	Part#: AP2501FGE-7 Description: IC PWR SW USB U-DFN3030-8	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511ASN-7 Description: USB POWER SWITCH U-DFN2020-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511FGE-7 Description: IC PWR SW USB U-DFN3030-8	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2501AMP-13 Description: USB POWER SWITCH 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511S-13 Description: IC PWR SW USB 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2424 Description: STEEL INNER PANEL	Manufacturers: Hammond Manufacturing	RFQ
	Part#: AP2511MP-13 Description: IC PWR SW USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2501M8-13 Description: IC PWR SW USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511AS-13 Description: USB POWER SWITCH 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511AM8-13 Description: USB POWER SWITCH 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511SN-7 Description: USB POWER SWITCH U-DFN2020-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511M8-13 Description: IC PWR SW USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2511AMP-13 Description: USB POWER SWITCH 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2501MP-13 Description: IC PWR SW USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2502KTR-G1 Description: IC LED DRVR LIN DIM 20MA SOT23-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2420 Description: STEEL INNER PANEL	Manufacturers: Hammond Manufacturing	RFQ
	Part#: AP2424PP Description: STEEL INNER PANEL	Manufacturers: Hammond Manufacturing	RFQ
	Part#: AP2501S-13 Description: IC PWR SW USB 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2416PP Description: STEEL INNER PANEL	Manufacturers: Hammond Manufacturing	RFQ
	Part#: AP2420PP Description: STEEL INNER PANEL	Manufacturers: Hammond Manufacturing	RFQ

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AP2501SN-7			

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