

AP2171SG-13





Part Number: [AP2171SG-13](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC PWR SW USB 1CH 1A 8-SOIC

Data sheet:  [AP2161,71](#)

RoHs Status: Lead free / RoHS Compliant

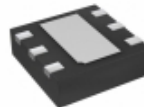
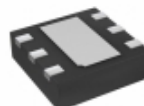
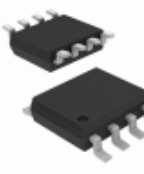
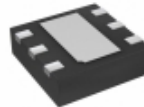
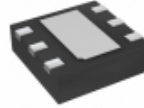
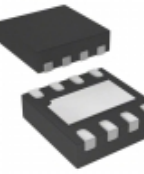
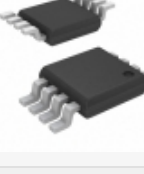
Ship From: Hong Kong

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

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AP2171SG-13	Manufacturer	Diodes Incorporated
Description	IC PWR SW USB 1CH 1A 8-SOIC	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	244865 pcs	Data sheet	AP2161,71
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	8-SOP	Series	-
Rds On (Typ)	95 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	8-SOIC (0.154", 3.90mm Width)
Output Type	P-Channel	Output Configuration	High Side
Other Names	AP2171SG13 AP2171SGDITR	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	3 (168 Hours)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant	Interface	On/Off
Input Type	Non-Inverting	Features	Status Flag
Fault Protection	Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO	Current - Output (Max)	1A
Base Part Number	AP2171		
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RELATED PRODUCTS			
	Part#: AP2181DFMG-7 Description: IC PWR SW USB X1-DFN2018-6	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2176MPG-13 Description: IC USB PWR SWITCH 1A DUAL 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2181AFM-7 Description: IC USB PWR SWITCH U-DFN2018-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172MPG-13 Description: IC PWR SWITCH 2CH USB 1A 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2176SG-13 Description: IC USB PWR SWITCH 1A DUAL 8SOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171AMP-13 Description: USB POWER SWITCH 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171MPG-13 Description: IC PWR SW USB 1CH 1A 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172AMPG-13 Description: IC PWR SWITCH 2CH USB 1A 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172ASG-13 Description: IC PWR SWITCH 2CH USB 1A 8-SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171FMG-7 Description: IC PWR SW USB 1CH 1.0A LOW 6DFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171DSG-13 Description: IC PWR SW USB 8-SO	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2171WG-7 Description: IC PWR SW USB 1CH 1A SOT-25-5	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2172AFGEG-7 Description: IC PWR SWITCH 2CH USB 1A 8-DFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172SG-13 Description: IC PWR SWITCH DUAL USB 1A 8-SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171DWG-7 Description: IC PWR SW USB SOT25	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171AS-13 Description: USB POWER SWITCH 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171DM8G-13 Description: IC POWER DIST USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ

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