

AP2171WG-7



Part Number: [AP2171WG-7](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC PWR SW USB 1CH 1A SOT-25-5

Data sheet:  [AP2161,71](#)

RoHs Status: Lead free / RoHS Compliant

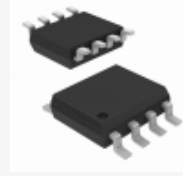
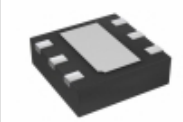
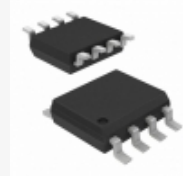
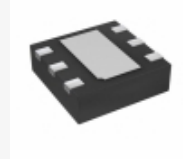
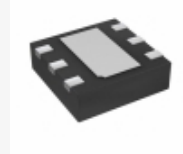
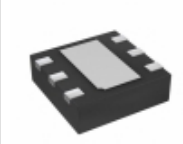
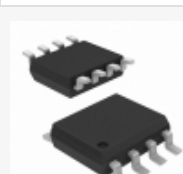
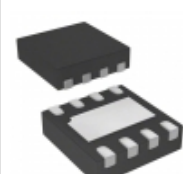
Ship From: Hong Kong

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Images are for reference only.
See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AP2171WG-7	Manufacturer	Diodes Incorporated
Description	IC PWR SW USB 1CH 1A SOT-25-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	575526 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	SOT-25	Series	-
Rds On (Typ)	95 mOhm	Ratio - Input:Output	1:1
Packaging	Tape & Reel (TR)	Package / Case	SC-74A, SOT-753
Output Type	P-Channel	Output Configuration	High Side
Other Names	AP2171WG7 AP2171WGDITR	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	1	Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	12 Weeks	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			
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	Part#: AP2171AS-13 Description: USB POWER SWITCH 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2171SG-13 Description: IC PWR SW USB 1CH 1A 8-SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2181DFMG-7 Description: IC PWR SW USB X1-DFN2018-6	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2171DFMG-7 Description: IC PWR SW USB X1-DFN2018-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172ASG-13 Description: IC PWR SWITCH 2CH USB 1A 8-SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2172AFGEG-7 Description: IC PWR SWITCH 2CH USB 1A 8-DFN	Manufacturers: Diodes Incorporated	RFQ
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