

AP2142AFGEG-7



Part Number: [AP2142AFGEG-7](#)

Manufacturer: [Diodes Incorporated](#)

Description: IC PWR SW USB 2CH 0.5A 8-DFN

Data sheet:  [AP2142A/52A](#)

RoHs Status: Lead free / RoHS Compliant

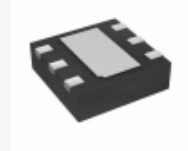
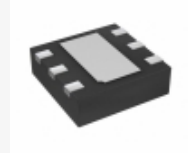
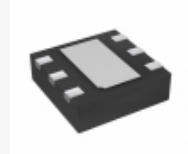
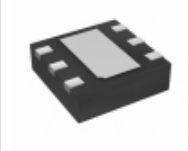
Ship From: Hong Kong

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See Product Specifications for product details.
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Request For Quotation

PRODUCT PARAMETER			
Part Number	AP2142AFGEG-7	Manufacturer	Diodes Incorporated
Description	IC PWR SW USB 2CH 0.5A 8-DFN	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	168423 pcs	Data sheet	AP2142A/52A
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	U-DFN3030-8 (Type E)	Series	-
Rds On (Typ)	85 mOhm	Ratio - Input:Output	1:2
Packaging	Tape & Reel (TR)	Package / Case	8-UDFN Exposed Pad
Output Type	P-Channel	Output Configuration	High Side
Other Names	AP2142AFGEG-7DITR AP2142AFGEG7	Operating Temperature	-40°C ~ 85°C (TA)
Number of Outputs	2	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	Load Discharge, Status Flag	Fault Protection	Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO
Current - Output (Max)	500mA	Base Part Number	AP2142
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RELATED PRODUCTS			
	Part#: AP2141AW-7 Description: IC CURRENT LIMIT SWITCH SOT35	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2145SG-13 Description: IC SINGLE USB SWITCH 800MA 8SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141DFMG-7 Description: IC PWR SW USB X1-DFN2018-6	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141MPG-13 Description: IC PWR SW USB 1CH 0.5A 8-MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2145MPG-13 Description: IC SINGLE USB SWITCH 800MA 8MSOP	Manufacturers: Diodes Incorporated	RFQ
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	Part#: AP2141DM8G-13 Description: IC POWER DIST USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2142ASG-13 Description: IC PWR SW USB 2CH 0.5A 8-SOIC	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141FMG-7 Description: IC PWR SW USB 1CH 0.5A LOW 6DFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2146MPG-13 Description: IC USB PWR SWITCH .5A DUAL 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141DSG-13 Description: IC PWR SW USB 8-SO	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141DMPG-13 Description: IC POWER DIST USB 8MSOP	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141DWG-7 Description: IC PWR SW USB SOT25	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP21510FM-7 Description: IC USB PWR SWITCH 6UDFN	Manufacturers: Diodes Incorporated	RFQ
	Part#: AP2141WG-7 Description: IC PWR SW USB 1CH 0.5A SOT-25-5	Manufacturers: Diodes Incorporated	RFQ

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