

RT9742ANGJ5F



Part Number: [RT9742ANGJ5F](#)

Manufacturer: [Richtek](#)

Description: IC USB POWER SWITCH TSOT23-5

Data sheet:  [RT9742](#)

RoHs Status: Lead free / RoHS Compliant

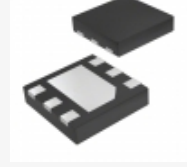
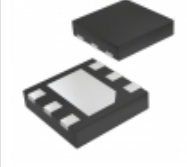
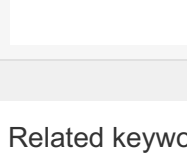
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PRODUCT PARAMETER			
Part Number	RT9742ANGJ5F	Manufacturer	Richtek
Description	IC USB POWER SWITCH TSOT23-5	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	154494 pcs	Data sheet	RT9742
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	Not Required
Voltage - Load	2.7 V ~ 6 V	Switch Type	USB Switch
Supplier Device Package	TSOT-23-5 (FC)	Series	-
Rds On (Typ)	55 mOhm	Ratio - Input:Output	1:1
Packaging	Cut Tape (CT)	Package / Case	SOT-23-5 Thin, TSOT-23-5
Output Type	N-Channel	Output Configuration	High Side
Other Names	1028-1427-1	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)	3A
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	Part#: RT9741CGV Description: IC POWER SWITCH USB SOT-23-3	Manufacturers: Richtek	RFQ
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