




Richtek

## RT9742AGJ5F

Part Number:	RT9742AGJ5F
Manufacturer/Brand:	Richtek
Product description:	IC USB POWER SWITCH TSOT23-5
Datasheets:	<a href="#">RT9742AGJ5F.pdf</a>
RoHS Status:	 Lead free / RoHS Compliant
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

[REQUEST FOR QUOTATION](#)

Image may be representation. See specifications for product details.






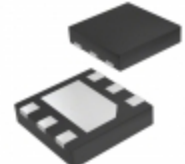




### Specifications of RT9742AGJ5F

PART NUMBER	RT9742AGJ5F
MANUFACTURER	Richtek
DESCRIPTION	IC USB POWER SWITCH TSOT23-5
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
DATA SHEET	<a href="#">RT9742AGJ5F.pdf</a>
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	Tape & Reel (TR)
PACKAGE / CASE	SOT-23-5 Thin, TSOT-23-5
OUTPUT TYPE	N-Channel
OUTPUT CONFIGURATION	High Side
OTHER NAMES	1028-1426-2
OPERATING TEMPERATURE	-40°C ~ 85°C (TA)
NUMBER OF OUTPUTS	1
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
MANUFACTURER STANDARD LEAD TIME	16 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)	3A

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