



### **RT9711DGBG Information**



For Reference Only

Part Number RT9711DGBG

Manufacturer Richtek USA Inc.

Category Integrated Circuits (ICs)
PMIC - Power Distribution Switches, Load Drivers

**Description** IC PWR SWITCH USB 1.5A SOT23-5

Package SC-74A, SOT-753

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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## **Certified Quality**

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# **RT9711DGBG Specifications**

Manufacturer Part NumberRT9711DGBGManufacturerRichtek USA Inc.CategoryIntegrated Circuits (ICs)PMIC - Power Distribution Switches, Load DriversPackageSC-74A, SOT-753Series-Switch TypeUSB SwitchNumber of Outputs1Ratio - Input:Output1:1Output ConfigurationHigh SideOutput TypeN-ChannelInterfaceOn/OffVoltage - Load2.5 V ~ 5.5 VVoltage - Supply (Vcc/Vdd)Not RequiredCurrent - Output (Max)600mARds On (Typ)80 mOhmInput TypeNon-Inverting
Category  Integrated Circuits (ICs)  PMIC - Power Distribution Switches, Load Drivers  Package  SC-74A, SOT-753  Series  - Switch Type  USB Switch  Number of Outputs  1 Ratio - Input:Output  1:1  Output Configuration  High Side  Output Type  N-Channel  Interface  On/Off  Voltage - Load  2.5 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Rds On (Typ)  80 mOhm
PMIC - Power Distribution Switches, Load Drivers  Package SC-74A, SOT-753  Series - Switch Type USB Switch  Number of Outputs 1 Ratio - Input:Output 1:1 Output Configuration High Side  Output Type N-Channel Interface On/Off  Voltage - Load 2.5 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd) Not Required  Current - Output (Max) 600mA  Rds On (Typ) 80 mOhm
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Series         -           Switch Type         USB Switch           Number of Outputs         1           Ratio - Input:Output         1:1           Output Configuration         High Side           Output Type         N-Channel           Interface         On/Off           Voltage - Load         2.5 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         600mA           Rds On (Typ)         80 mOhm
Switch Type  USB Switch  Number of Outputs  1 Ratio - Input:Output  1:1 Output Configuration  High Side  Output Type  N-Channel  Interface  On/Off  Voltage - Load  2.5 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Rds On (Typ)  80 mOhm
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Ratio - Input:Output  Output Configuration  High Side  Output Type  N-Channel  Interface  On/Off  Voltage - Load  2.5 V ~ 5.5 V  Voltage - Supply (Vcc/Vdd)  Not Required  Current - Output (Max)  Rds On (Typ)  1:1  N-Channel  N-Channel  On/Off  80 mOhm
Output Configuration High Side Output Type N-Channel Interface On/Off Voltage - Load 2.5 V ~ 5.5 V Voltage - Supply (Vcc/Vdd) Not Required Current - Output (Max) 600mA Rds On (Typ) 80 mOhm
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Interface         On/Off           Voltage - Load         2.5 V ~ 5.5 V           Voltage - Supply (Vcc/Vdd)         Not Required           Current - Output (Max)         600mA           Rds On (Typ)         80 mOhm
Voltage - Load $2.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Supply (Vcc/Vdd) Not Required $\text{Current - Output (Max)} \qquad 600\text{mA}$ Rds On (Typ) $80 \text{ mOhm}$
Voltage - Supply (Vcc/Vdd)  Current - Output (Max)  Rds On (Typ)  Not Required  600mA  80 mOhm
Current - Output (Max) 600mA Rds On (Typ) 80 mOhm
Rds On (Typ) 80 mOhm
Input Type Non-Inverting
Features Status Flag
Fault Protection Current Limiting (Fixed), Over Temperature, Reverse Current, UVLO
Operating Temperature $-40^{\circ}\text{C} \sim 125^{\circ}\text{C} \text{ (TJ)}$
Package / Case SC-74A, SOT-753
Supplier Device Package SOT-23-5G
Report errors

### **RT9711DGBG Guarantees**



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



#### **Service Guarantees**

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

# **RT9711DGBG Payment Methods**



















### **RT9711DGBG Shipping Methods**













If you have any question about RT9711DGBG, please do not hesitate to contact us!

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