



#### **RT9293BGJ6 Information**



For Reference Only

Part Number RT9293BGJ6

Manufacturer Richtek USA Inc.

Category Integrated Circuits (ICs)

PMIC - LED Drivers

**Description** IC LED DRIVER RGLTR DIM TSOT23-6

Package SOT-23-6 Thin, TSOT-23-6

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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## **RT9293BGJ6 Specifications**

Manufacturer Part Number         RT9293BGJ6           Manufacturer         Richtek USA Inc.           Category         Integrated Circuits (ICs)           PMIC - LED Drivers           Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Type         DC DC Regulator           Topology         Step-Up (Boost)           Internal Switch(s)         Yes           Number of Outputs         1           Voltage - Supply (Min)         2.5V           Voltage - Supply (Max)         5.5V           Voltage - Output         -           Current - Output / Channel         1.2A (Switch)           Frequency         1MHz           Dimming         PWM           Applications         Backlight           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6           Report errors?	•	
Category         Integrated Circuits (ICs)           PMIC - LED Drivers           Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Type         DC DC Regulator           Topology         Step-Up (Boost)           Internal Switch(s)         Yes           Number of Outputs         1           Voltage - Supply (Min)         2.5V           Voltage - Supply (Max)         5.5V           Voltage - Output         -           Current - Output / Channel         1.2A (Switch)           Frequency         1MHz           Dimming         PWM           Applications         Backlight           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6	Manufacturer Part Number	RT9293BGJ6
Package         SOT-23-6 Thin, TSOT-23-6           Series         -           Type         DC DC Regulator           Topology         Step-Up (Boost)           Internal Switch(s)         Yes           Number of Outputs         1           Voltage - Supply (Min)         2.5V           Voltage - Output         -           Current - Output / Channel         1.2A (Switch)           Frequency         1MHz           Dimming         PWM           Applications         Backlight           Operating Temperature         -40°C ~ 85°C (TA)           Mounting Type         Surface Mount           Package / Case         SOT-23-6 Thin, TSOT-23-6           Supplier Device Package         TSOT-23-6	Manufacturer	Richtek USA Inc.
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Series - Type DC DC Regulator Topology Step-Up (Boost) Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output - Current - Output / Channel 1.2A (Switch) Frequency 1MHz Dimming PWM Applications Backlight Operating Temperature 4-0°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package		PMIC - LED Drivers
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Topology Internal Switch(s) Yes Number of Outputs 1 Voltage - Supply (Min) 2.5V Voltage - Supply (Max) 5.5V Voltage - Output Current - Output / Channel Frequency IMHz Dimming PWM Applications Backlight Operating Temperature -40°C ~ 85°C (TA) Mounting Type Surface Mount Package / Case Supplier Device Package TSOT-23-6	Series	-
Internal Switch(s)  Number of Outputs  1  Voltage - Supply (Min)  2.5V  Voltage - Supply (Max)  5.5V  Voltage - Output	Type	DC DC Regulator
Number of Outputs  Voltage - Supply (Min)  2.5V  Voltage - Supply (Max)  5.5V  Voltage - Output  - Current - Output / Channel  Frequency  IMHz  Dimming  PWM  Applications  Backlight  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  TSOT-23-6	Topology	Step-Up (Boost)
Voltage - Supply (Min)  Voltage - Supply (Max)  5.5V  Voltage - Output  - Current - Output / Channel  Frequency  1MHz  Dimming  PWM  Applications  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  Supplier Device Package  TSOT-23-6	Internal Switch(s)	Yes
Voltage - Supply (Max)  Voltage - Output  Current - Output / Channel  Frequency  IMHz  Dimming  PWM  Applications  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package	Number of Outputs	1
Voltage - Output  Current - Output / Channel  Frequency  IMHz  Dimming  PWM  Applications  Backlight  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package	Voltage - Supply (Min)	2.5V
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Frequency  Dimming  PWM  Applications  Backlight  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package	Voltage - Output	-
Dimming PWM  Applications Backlight  Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount  Package / Case SOT-23-6 Thin, TSOT-23-6  Supplier Device Package TSOT-23-6	Current - Output / Channel	1.2A (Switch)
Applications  Backlight  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package  TSOT-23-6	Frequency	1MHz
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  SOT-23-6 Thin, TSOT-23-6  Supplier Device Package  TSOT-23-6	Dimming	PWM
Mounting Type Surface Mount Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Applications	Backlight
Package / Case SOT-23-6 Thin, TSOT-23-6 Supplier Device Package TSOT-23-6	Operating Temperature	-40°C ~ 85°C (TA)
Supplier Device Package TSOT-23-6	Mounting Type	Surface Mount
	Package / Case	SOT-23-6 Thin, TSOT-23-6
Report errors?	Supplier Device Package	TSOT-23-6
		Report errors?

#### RT9293BGJ6 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.

### **RT9293BGJ6 Payment Methods**









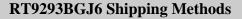
























If you have any question about RT9293BGJ6, please do not hesitate to contact us!

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