



# **RQ6C050BCTCR Information**



For Reference Only

Part Number RQ6C050BCTCR

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

**Description** PCH -20V -5A MIDDLE POWER MOSFET

Package SC-95-6

For the pricing/inventory/lead time, please contact

us

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



Request a Quote

# **Certified Quality**

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









# **RQ6C050BCTCR Specifications**

Manufacturer Part Number	RQ6C050BCTCR
Manufacturer	Rohm Semiconductor
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	SC-95-6
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	20V
Current - Continuous Drain (Id) @ 25°C	5A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V
Vgs(th) (Max) @ Id	1.2V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	10.4nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	740pF @ 10V
Vgs (Max)	$\pm 8\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	1.25W (Tc)
Rds On (Max) @ Id, Vgs	36 mOhm @ 5A, 4.5V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TSMT6 (SC-95)
Package / Case	SC-95-6
	Report errors?

### **RQ6C050BCTCR 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.

### **RQ6C050BCTCR Payment Methods**



















## **RQ6C050BCTCR Shipping Methods**













If you have any question about RQ6C050BCTCR, please do not hesitate to contact us!

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