

RRH050P03GZETB

RRH050P03GZETB Information



For Reference Only

Part Number RRH050P03GZETB

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

DescriptionMOSFET P-CH 30V 5A 8SOIC**Package**8-SOIC (0.154", 3.90mm Width)

For the pricing/inventory/lead time, please contact

us

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



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RRH050P03GZETB Specifications

Manufacturer Part Number RRH050P03GZETB Manufacturer Rohm Semiconductor Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ ImA Gate Charge (Qg) (Max) @ Vgs 17nC @ 10V Input Capacitance (Ciss) (Max) @ Vds \$50pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 650mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)		
CategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - SinglePackage8-SOIC (0.154", 3.90mm Width)Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs17nC @ 10VInput Capacitance (Ciss) (Max) @ Vds850pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)650mW (Ta)Rds On (Max) @ Id, Vgs50 mOhm @ 5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	RRH050P03GZETB
Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 650mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Manufacturer	Rohm Semiconductor
Package8-SOIC (0.154", 3.90mm Width)Series-FET TypeP-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C5A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs17nC @ 10VInput Capacitance (Ciss) (Max) @ Vds850pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)650mW (Ta)Rds On (Max) @ Id, Vgs50 mOhm @ 5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Discrete Semiconductor Products
Series - Channel P-Channel Technology MOSFET (Metal Oxide) Toain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Continuous (Max) 650mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 650mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Package	8-SOIC (0.154", 3.90mm Width)
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V MOSFET (Metal Oxide) 30V 50V 50V 5A (Ta) 17nC @ 10V 17nC @ 10V 2.5V @ 1mA 2.5V @ 1mA 2.5V @ 1mA 2.5V @ 1mA 2.5V @ 10V 2.5V @ 10V 3.50pF @ 10V 4.70V 4.70V 5.70PF @ 10V 5.70P	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case SA (Ta) 5A (Ta) 5B (TOV 5B (TOV 5B (TA) 5B (TA) 5B (TA) 5B (TOV 5B (TA) 5B	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 5A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 17nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 650mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Technology	MOSFET (Metal Oxide)
Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Som Ohm @ 5A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case Avy (Max) 4V, 10V 4V, 10V 4V, 10V 5.5V @ 1mA 650pF @ 10V 850pF @ 10V 50mOhm @ 5A, 10V 50mOhm @ 5A, 10V 50mOhm @ 5A, 10V Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Current - Continuous Drain (Id) @ 25°C	5A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds 850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Drive Voltage (Max Rds On, Min Rds On)	4V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) E20V FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max)±20VFET Feature-Power Dissipation (Max)650mW (Ta)Rds On (Max) @ Id, Vgs50 mOhm @ 5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Gate Charge (Qg) (Max) @ Vgs	17nC @ 10V
FET Feature - G50mW (Ta) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Input Capacitance (Ciss) (Max) @ Vds	850pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 50 mOhm @ 5A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs50 mOhm @ 5A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Power Dissipation (Max)	650mW (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	50 mOhm @ 5A, 10V
Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Operating Temperature	150°C (TJ)
Package / Case 8-SOIC (0.154", 3.90mm Width)	Mounting Type	Surface Mount
	Supplier Device Package	8-SOP
Report errors?	Package / Case	8-SOIC (0.154", 3.90mm Width)
		Report errors?

RRH050P03GZETB 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.

RRH050P03GZETB Payment Methods



















RRH050P03GZETB Shipping Methods













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