



RSS090P03FU6TB Information



For Reference Only

Part Number RSS090P03FU6TB

Manufacturer Rohm Semiconductor

Category Discrete Semiconductor Products

Transistors - FETs, MOSFETs - Single

DescriptionMOSFET P-CH 30V 9A 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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RSS090P03FU6TB Specifications

Manufacturer Part Number RSS090P03FU6TB 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 9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 39nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 4000pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)		
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) Ourrent - Continuous Drain (Id) @ 25°C 9A (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) Vgs (Max) Vgs (Max) Vgs (Max) Vgs (Max) Uny ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case B-SOIC (0.154", 3.90mm Width)	Manufacturer Part Number	RSS090P03FU6TB
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 9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 39nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 4000pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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°C9A (Ta)Drive Voltage (Max Rds On, Min Rds On)4V, 10VVgs(th) (Max) @ Id2.5V @ 1mAGate Charge (Qg) (Max) @ Vgs39nC @ 5VInput Capacitance (Ciss) (Max) @ Vds4000pF @ 10VVgs (Max)20VFET Feature-Power Dissipation (Max)2W (Ta)Rds On (Max) @ Id, Vgs14 mOhm @ 9A, 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 MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 9A (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) Vgs (Max) 20V FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case Posser Dissipation (With) P-Channel Posser (Mexal Oxide) AVOSFET (Metal Oxide) AVOSFET		Transistors - FETs, MOSFETs - Single
FET Type P-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 39nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 4000pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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 9A (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) Vgs (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature Nounting Type Surface Mount Supplier Device Package Package / Case NOSFET (Metal Oxide) 30V NOSFET (Metal Oxide) 30V 40V 40V 40V 40V 4V, 10V 4V, 10V 4V, 10V 4V, 10V 4000pF @ 10V 4000pF @ 10V 4000pF @ 10V 5VC 4000pF @ 10V 5VC 40V Ta) Surface Mount Surface Mount Supplier Device Package 8-SOP Package / Case	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C Prive 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) Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case San (Ta) 9A (Ta) 4V, 10V 2.5V @ 1mA 39nC @ 5V 4000pF @ 10V 20V FET (Fa (10V) 4000pF @ 10V 4000	FET Type	P-Channel
Current - Continuous Drain (Id) @ 25°C 9A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 39nC @ 5V Input Capacitance (Ciss) (Max) @ Vds 4000pF @ 10V Vgs (Max) 20V FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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) Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package 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 Vgs (Max) Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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	9A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case 8-SOIC (0.154", 3.90mm Width)	Gate Charge (Qg) (Max) @ Vgs	39nC @ 5V
FET Feature - Power Dissipation (Max) 2W (Ta) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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	4000pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 14 mOhm @ 9A, 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, Vgs14 mOhm @ 9A, 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)	2W (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	14 mOhm @ 9A, 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?

RSS090P03FU6TB 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.

RSS090P03FU6TB Payment Methods



















RSS090P03FU6TB Shipping Methods













If you have any question about RSS090P03FU6TB, please do not hesitate to contact us!

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