



RJK0349DSP-01#J0 Information



For Reference Only

Part Number RJK0349DSP-01#J0

ManufacturerRenesas Electronics AmericaCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - Single

DescriptionMOSFET N-CH 30V 20A 8-SOP**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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RJK0349DSP-01#J0 Specifications

Manufacturer Part Number RIK0349DSP-01#10 Manufacturer Renesas Electronics America Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 20A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3850pF @ 10V Vgs (Max) 25mC @ 4.5V FET Feature - Power Dissipation (Max) 2.5w (Ta) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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 N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 20A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 10put Capacitance (Ciss) (Max) @ Vds 12put	Manufacturer Part Number	RJK0349DSP-01#J0
Package 8-SOIC (0.154", 3.90mm Width) Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 20A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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	Renesas Electronics America
Package8-SOIC (0.154", 3.90mm Width)Series-FET TypeN-ChannelTechnologyMOSFET (Metal Oxide)Drain to Source Voltage (Vdss)30VCurrent - Continuous Drain (Id) @ 25°C20A (Ta)Drive Voltage (Max Rds On, Min Rds On)4.5V, 10VVgs(th) (Max) @ Id-Gate Charge (Qg) (Max) @ Vgs25nC @ 4.5VInput Capacitance (Ciss) (Max) @ Vds3850pF @ 10VVgs (Max)±20VFET Feature-Power Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs3.8 mOhm @ 10A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Category	Discrete Semiconductor Products
Series - M-Channel FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 20A (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 3.8 mOhm @ 10A, 10V Poerating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case NOSFET (Metal Oxide) N-Channel MOSFET (Metal Oxide) 30V Current - Channel Sup (Max)		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 30V Current - Continuous Drain (Id) @ 25°C 20A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3850pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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 20A (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) **EUV** FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 30V **OUTON **EUN** 20A (Ta) **EUV** 25nC @ 4.5V 3850pF @ 10V **EUV* **EUV** **EUV** **EUV** **EUV** **EUV** **EUV* **EUV	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 20A (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 30V 20A (Ta) 20A (Ta) 4.5V, 10V 4.5V, 10V	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C 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 3.8 mOhm @ 10A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 20A (Ta) 2.5W (Ta) 3.5V, 10V	Technology	MOSFET (Metal Oxide)
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 3.8 mOhm @ 10A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 4.5V, 10V	Drain to Source Voltage (Vdss)	30V
Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3850pF @ 10V Vgs (Max) FET Feature - Power Dissipation (Max) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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	20A (Ta)
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 25nC @ 4.5V 3850pF @ 10V	Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)2.5W (Ta)Rds On (Max) @ Id, Vgs3.8 mOhm @ 10A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device Package8-SOPPackage / Case8-SOIC (0.154", 3.90mm Width)	Gate Charge (Qg) (Max) @ Vgs	25nC @ 4.5V
FET Feature - Power Dissipation (Max) 2.5W (Ta) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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	3850pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 3.8 mOhm @ 10A, 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, Vgs3.8 mOhm @ 10A, 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)	2.5W (Ta)
Mounting Type Surface Mount Supplier Device Package 8-SOP Package / Case 8-SOIC (0.154", 3.90mm Width)	Rds On (Max) @ Id, Vgs	3.8 mOhm @ 10A, 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?

RJK0349DSP-01#J0 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.

RJK0349DSP-01#J0 Payment Methods



















RJK0349DSP-01#J0 Shipping Methods













If you have any question about RJK0349DSP-01#J0, please do not hesitate to contact us!

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