



RJK0654DPB-00#J5 Information



For Reference Only

Part Number RJK0654DPB-00#J5

ManufacturerRenesas Electronics AmericaCategoryDiscrete Semiconductor ProductsTransistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V LFPAK

Package SC-100, SOT-669

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.









RJK0654DPB-00#J5 Specifications

Manufacturer Part Number RJK0654DPB-00#J5 Manufacturer Renesas Electronics America Category Discrete Semiconductor Products		
Category Discrete Semiconductor Products Transistors - FETs, MOSFETs - Single Package SC-100, SOT-669 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) Vgs(th) (Max) @ Id Gate Charge (Qg) (Max) @ Vgs 1nput Capacitance (Ciss) (Max) @ Vds Vgs (Max) **20V** FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Rds On (Max) @ Id, Vgs Smohm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Manufacturer Part Number	RJK0654DPB-00#J5
Package SC-100, SOT-669 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 27nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Manufacturer	Renesas Electronics America
Package SC-100, SOT-669 Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 27nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case Source Added Time Package Mount Series Sc-100, SOT-669	Category	Discrete Semiconductor Products
Series - FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id - Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case Source (Ciss) (Max) 8.5 C-100, SOT-669		Transistors - FETs, MOSFETs - Single
FET Type N-Channel Technology MOSFET (Metal Oxide) Drain to Source Voltage (Vdss) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 10V Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 27nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Package	SC-100, SOT-669
Technology Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 30A (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) 60V **OUV** 30A (Ta) 10V	Series	-
Drain to Source Voltage (Vdss) Current - Continuous Drain (Id) @ 25°C 30A (Ta) 10V 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 60V 30A (Ta) 5V 6V 5V 6 IV 5V 6 IV	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 10V 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 Son (Max) @ Id, Vgs Poperating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 30A (Ta) 50V Ce (10V 270C @ 10V 2000pF @	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 Rds On (Max) @ Id, Vgs Surface Mount Supplier Device Package Package / Case 10V 2000pF @ 1	Drain to Source Voltage (Vdss)	60V
Vgs(th) (Max) @ Id - Gate Charge (Qg) (Max) @ Vgs 27nC @ 10V Input Capacitance (Ciss) (Max) @ Vds 2000pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Current - Continuous Drain (Id) @ 25°C	30A (Ta)
Gate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Sometiment Temperature Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case 27nC @ 10V 2000pF @ 10V	Drive Voltage (Max Rds On, Min Rds On)	10V
Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) ET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs Surface Mount Supplier Device Package Package / Case 2000pF @ 10V 2000	Vgs(th) (Max) @ Id	-
Vgs (Max)±20VFET Feature-Power Dissipation (Max)55W (Tc)Rds On (Max) @ Id, Vgs8.3 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageLFPAKPackage / CaseSC-100, SOT-669	Gate Charge (Qg) (Max) @ Vgs	27nC @ 10V
FET Feature - Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Input Capacitance (Ciss) (Max) @ Vds	2000pF @ 10V
Power Dissipation (Max) 55W (Tc) Rds On (Max) @ Id, Vgs 8.3 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Vgs (Max)	±20V
Rds On (Max) @ Id, Vgs8.3 mOhm @ 15A, 10VOperating Temperature150°C (TJ)Mounting TypeSurface MountSupplier Device PackageLFPAKPackage / CaseSC-100, SOT-669	FET Feature	-
Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Power Dissipation (Max)	55W (Tc)
Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Rds On (Max) @ Id, Vgs	8.3 mOhm @ 15A, 10V
Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Operating Temperature	150°C (TJ)
Package / Case SC-100, SOT-669	Mounting Type	Surface Mount
	Supplier Device Package	LFPAK
Report errors?	Package / Case	SC-100, SOT-669
		Report errors?

RJK0654DPB-00#J5 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.

RJK0654DPB-00#J5 Payment Methods





















RJK0654DPB-00#J5 Shipping Methods













If you have any question about RJK0654DPB-00#J5, please do not hesitate to contact us!

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