



HAT2266H-EL-E Information



For Reference Only

Part Number HAT2266H-EL-E

ManufacturerRenesas Electronics AmericaCategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 60V 30A 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.









HAT2266H-EL-E Specifications

Manufacturer Part Number HAT2266H-EL-E Manufacturer Renesas Electronics America 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) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 3600pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669 Report errors?		
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) 60V Current - Continuous Drain (Id) @ 25°C 30A (Ta) Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3600pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Manufacturer Part Number	HAT2266H-EL-E
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) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3600pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 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 - 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) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3600pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case Soriage MSSTER SURFACE SURFAC	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) 4.5V, 10V Vgs(th) (Max) @ Id 2.5V @ 1mA Gate Charge (Qg) (Max) @ Vgs 25nC @ 4.5V Input Capacitance (Ciss) (Max) @ Vds 3600pF @ 10V Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669		Transistors - FETs, MOSFETs - Single
FET Type 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 Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case N-Channel MOSFET (Metal Oxide) MOSFET (Metal Oxide) 80V 80V 80V 80V 80V 80V 80V 80	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 12 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case MOSFET (Metal Oxide) 60V **OUT **OUT	Series	-
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 Cate Charge (Qg) (Max) @ Vgs Input Capacitance (Ciss) (Max) @ Vds Vgs (Max) FET Feature Power Dissipation (Max) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Derating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 60V 30A (Ta) 30A (Ta) 30A (Ta) 30A (Ta) 30A (Ta) 2.5V @ 1mA 2.5V @ 1mA 3600pF @ 10V 2.5V @ 10V 2.5V @ 10M 2.5V @ 1mA 3600pF @ 10V 4.5V 2.5V @ 1mA 3600pF @ 10V 4.5V 3600pF @ 10V 4.5V 4	FET Type	N-Channel
Current - Continuous Drain (Id) @ 25°C Drive Voltage (Max Rds On, Min Rds On) 4.5V, 10V 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 12 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case 30A (Ta) 4.5V, 10V 2.5V @ 1mA 3600pF @ 10V 25nC @ 4.5V 3600pF @ 10V 220V FET Feature - Power Dissipation (Max) 12 mOhm @ 15A, 10V 150°C (TJ) Surface Mount Supplier Device Package LFPAK SC-100, SOT-669	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 12 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package Package / Case A 5V, 10V 2.5V @ 1mA 3.600pF @ 10V 2.5V @ 1oh 2.5V @ 1mA 3.600pF @ 10V 3.600pF	Drain to Source Voltage (Vdss)	60V
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 25nC @ 4.5V 3600pF @ 10V +20V FET Feature - Power Dissipation (Max) 23W (Tc) 12 mOhm @ 15A, 10V Surface Mount Surface Mount Supplier Device Package LFPAK 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 12 mOhm @ 15A, 10V Operating Temperature Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case 25nC @ 4.5V 3600pF @ 10V 2600 2700 2800 2900	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 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Vgs(th) (Max) @ Id	2.5V @ 1mA
Vgs (Max) ±20V FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Gate Charge (Qg) (Max) @ Vgs	25nC @ 4.5V
FET Feature - Power Dissipation (Max) 23W (Tc) Rds On (Max) @ Id, Vgs 12 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	3600pF @ 10V
Power Dissipation (Max) Rds On (Max) @ Id, Vgs 12 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, Vgs 12 mOhm @ 15A, 10V Operating Temperature 150°C (TJ) Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-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)	23W (Tc)
Mounting Type Surface Mount Supplier Device Package LFPAK Package / Case SC-100, SOT-669	Rds On (Max) @ Id, Vgs	12 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?

HAT2266H-EL-E 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.

HAT2266H-EL-E Payment Methods



















HAT2266H-EL-E Shipping Methods













If you have any question about HAT2266H-EL-E, please do not hesitate to contact us!

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