HAT2166H-EL-E

HAT2166H-EL-E Information

For Reference Only

Part Number HAT2166H-EL-E
Manufacturer Renesas Electronics America
Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single
Description MOSFET N-CH 30V 45A 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.

HAT2166H-EL-E Specifications

Manufacturer Part Number	HAT2166H-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)	30V
Current - Continuous Drain (Id) @ 25°C	45A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.5V @ 1mA
Gate Charge (Qg) (Max) @ Vgs	27nC @ 4.5V
Input Capacitance (Ciss) (Max) @ Vds	4400pF @ 10V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	25W (Tc)
Rds On (Max) @ Id, Vgs	3.8 mOhm @ 22.5A, 10V
Operating Temperature	150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	LFPAK
Package / Case	SC-100, SOT-669
	Report errors?

HAT2166H-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.

HAT2166H-EL-E Payment Methods

HAT2166H-EL-E Shipping Methods

If you have any question about HAT2166H-EL-E, please do not hesitate to contact us!
Website: https://www.heisener.com
E-mail: salesdept@heisener.com