



AON7422E Information



For Reference Only

Part Number AON7422E

Manufacturer Alpha & Omega Semiconductor Inc.

Category Discrete Semiconductor Products
Transistors - FETs, MOSFETs - Single

Description MOSFET N-CH 30V 20A 8DFN

Package 8-PowerSMD, Flat Leads

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.









AON7422E Specifications

Manufacturer Part Number	AON7422E
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	8-PowerSMD, Flat Leads
Series	-
FET Type	N-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	20A (Ta), 40A (Tc)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	2.4V @ 250μA
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	2940pF @ 15V
Vgs (Max)	±20V
FET Feature	-
Power Dissipation (Max)	3.1W (Ta), 36W (Tc)
Rds On (Max) @ Id, Vgs	4.3 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	8-DFN (3x3)
Package / Case	8-PowerSMD, Flat Leads
	Report errors?

AON7422E 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.

AON7422E Payment Methods



















AON7422E Shipping Methods













If you have any question about AON7422E, please do not hesitate to contact us!

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