

AOD417

AOD417 Information



For Reference Only

Part NumberAOD417ManufacturerAlpha & Omega Semiconductor Inc.CategoryDiscrete Semiconductor Products
Transistors - FETs, MOSFETs - SingleDescriptionMOSFET P-CH 30V 25A TO252PackageTO-252-3, DPak (2 Leads + Tab), SC-63
For the pricing/inventory/lead time, please contact
us
Website: https://www.heisener.com
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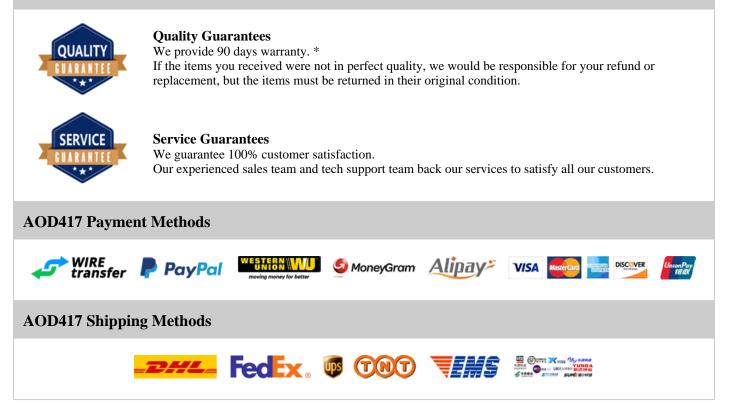
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AOD417 Specifications

Manufacturer Part Number	AOD417
Manufacturer	Alpha & Omega Semiconductor Inc.
Category	Discrete Semiconductor Products
	Transistors - FETs, MOSFETs - Single
Package	TO-252-3, DPak (2 Leads + Tab), SC-63
Series	-
FET Type	P-Channel
Technology	MOSFET (Metal Oxide)
Drain to Source Voltage (Vdss)	30V
Current - Continuous Drain (Id) @ 25°C	25A (Ta)
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Vgs(th) (Max) @ Id	3V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	16.2nC @ 10V
Input Capacitance (Ciss) (Max) @ Vds	920pF @ 15V
Vgs (Max)	$\pm 20\mathrm{V}$
FET Feature	-
Power Dissipation (Max)	2.5W (Ta), 50W (Tc)
Rds On (Max) @ Id, Vgs	34 mOhm @ 20A, 10V
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Supplier Device Package	TO-252, (D-Pak)
Package / Case	TO-252-3, DPak (2 Leads + Tab), SC-63
	Report errors?

AOD417 Guarantees



If you have any question about AOD417, please do not hesitate to contact us! Website: https://www.heisener.com E-mail: salesdept@heisener.com