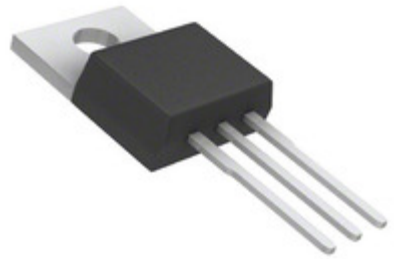

	<h2 style="color: red;">AOT282L</h2>	
	Manufacturer Part Number:	AOT282L
	Manufacturer/Brand:	Alpha and Omega Semiconductor, Inc.
	Part of Description:	MOSFET N-CH 80V 18.5A TO220
	Datasheets:	1.AOT282L.pdf 2.AOT282L.pdf
	RoHs Status:	 Lead free / RoHS
	Stock Condition:	Compliant New original, 31999 pcs Stock Available.
	Ship From:	Hong Kong
	Shipment Way:	DHL/Fedex/TNT/UPS/EMS
<p>Image may be representation. See specs for product details.</p>		



Specifications

Part Number	AOT282L
Manufacturer	Alpha and Omega Semiconductor, Inc.
Description	MOSFET N-CH 80V 18.5A TO220
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	31999 pcs Stock
Vgs(th) (Max) @ Id	3.5V @ 250μA
Technology	MOSFET (Metal Oxide)
Supplier Device Package	TO-220
Series	-
Rds On (Max) @ Id, Vgs	3.5 mOhm @ 20A, 10V
Power Dissipation (Max)	2.1W (Ta), 272.5W (Tc)
Packaging	Tube
Package / Case	TO-220-3
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Through Hole
Input Capacitance (Ciss) (Max) @ Vds	7765pF @ 40V
Gate Charge (Qg) (Max) @ Vgs	178nC @ 10V
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	80V
Current - Continuous Drain (Id) @ 25°C	18.5A (Ta), 105A (Tc)

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ADD: Unit A5-B5 No.509, 5/F Sing Win Factory Building, 15-17 Shing yip St, Kwun Tong, Kowloon, HongKong.

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