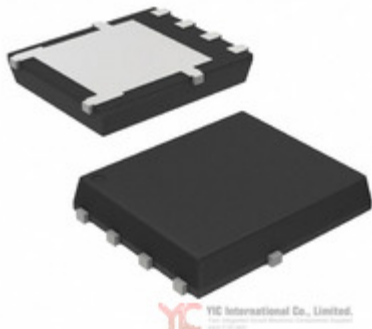


	<p>NVMF55C442NLWFAFT1G</p>
	<p>Manufacturer Part Number: NVMF55C442NLWFAFT1G</p>
	<p>Manufacturer/Brand: AMI Semiconductor / ON Semiconductor</p>
	<p>Part of Description: MOSFET N-CH 40V 29A 130A 5DFN</p>
<p>Datasheets:  NVMF55C442NLWFAFT1G.pdf</p>	<p>RoHS Status:  Lead free / RoHS</p>
<p>Stock Condition: Compliant New original, Stock Available.</p>	<p>Ship From: Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p>Shipment Way: DHL/Fedex/TNT/UPS/EMS</p>

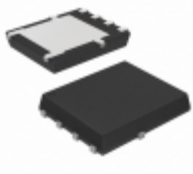
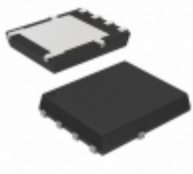
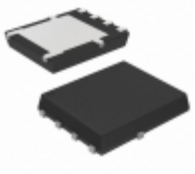
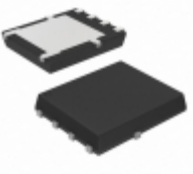
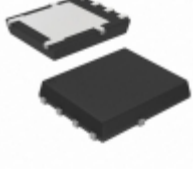
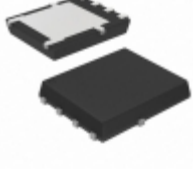
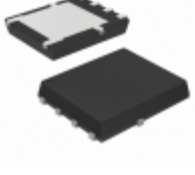
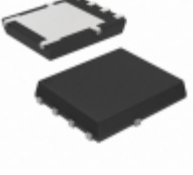
Specifications

Part Number	NVMF55C442NLWFAFT1G
Manufacturer	AMI Semiconductor / ON Semiconductor
Description	MOSFET N-CH 40V 29A 130A 5DFN
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	2V @ 250µA
Vgs (Max)	±20V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	5-DFN (5x6) (8-SOFL)
Series	Automotive, AEC-Q101
Rds On (Max) @ Id, Vgs	2.5 mOhm @ 50A, 10V
Power Dissipation (Max)	3.7W (Ta), 83W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	8-PowerTDFN, 5 Leads
Operating Temperature	-55°C ~ 175°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	44 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	3100pF @ 25V
Gate Charge (Qg) (Max) @ Vgs	50nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	4.5V, 10V
Drain to Source Voltage (Vdss)	40V
Detailed Description	N-Channel 40V 29A (Ta), 130A (Tc) 3.7W (Ta), 83W
Current - Continuous Drain (Id) @ 25°C	29A (Ta), 130A (Tc)

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NVMF55C442NLWFAFT1G Inventory	NVMF55C442NLWFAFT1G New	NVMF55C442NLWFAFT1G Price	NVMF55C442NLWFAFT1G Manufacturer	NVMF55C442NLWFAFT1G Picture
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Contact us: Info@Y-IC.com

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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