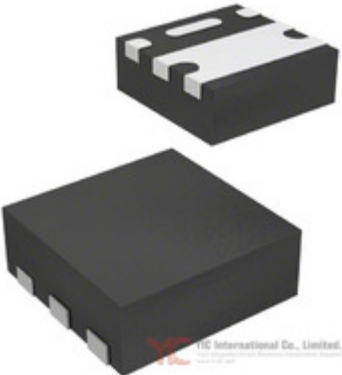




	<p><b>SIA438EDJ-T1-GE3</b></p>
	<p><b>Manufacturer Part Number:</b> SIA438EDJ-T1-GE3</p>
	<p><b>Manufacturer/Brand:</b> Electro-Films (EFI) / Vishay</p>
	<p><b>Part of Description:</b> MOSFET N-CH 20V 6A PPAK SC70-6L</p>
	<p><b>Datasheets:</b>  <a href="#">SIA438EDJ-T1-GE3.pdf</a></p>
	<p><b>RoHS Status:</b>  Lead free / RoHS</p>
	<p><b>Stock Condition:</b> Compliant New original, Stock Available.</p>
	<p><b>Ship From:</b> Hong Kong</p>
<p>Image may be representation. See specs for product details.</p>	<p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>

### Specifications

Part Number	SIA438EDJ-T1-GE3
Manufacturer	Electro-Films (EFI) / Vishay
Description	MOSFET N-CH 20V 6A PPAK SC70-6L
Category	Discrete Semiconductor Products > Transistors - FETs,
Part Status	Require For Quote & Check Stock
Vgs(th) (Max) @ Id	1.4V @ 250µA
Vgs (Max)	±12V
Technology	MOSFET (Metal Oxide)
Supplier Device Package	PowerPAK® SC-70-6 Single
Series	TrenchFET®
Rds On (Max) @ Id, Vgs	46 mOhm @ 3.9A, 4.5V
Power Dissipation (Max)	2.4W (Ta), 11.4W (Tc)
Packaging	Tape & Reel (TR)
Package / Case	PowerPAK® SC-70-6
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Manufacturer Standard Lead Time	15 Weeks
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Input Capacitance (Ciss) (Max) @ Vds	350pF @ 10V
Gate Charge (Qg) (Max) @ Vgs	12nC @ 10V
FET Type	N-Channel
FET Feature	-
Drive Voltage (Max Rds On, Min Rds On)	2.5V, 4.5V
Drain to Source Voltage (Vdss)	20V
Detailed Description	N-Channel 20V 6A (Tc) 2.4W (Ta), 11.4W (Tc) Surface
Current - Continuous Drain (Id) @ 25°C	6A (Tc)

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