









	<h2>SI7456DP-T1-E3</h2>
	<p><b>Manufacturer Part Number:</b> <a href="#">SI7456DP-T1-E3</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Electro-Films (EFI) / Vishay</a></p> <p><b>Part of Description:</b> MOSFET N-CH 100V 5.7A PPAK SO-8</p> <p><b>Datasheets:</b>  <a href="#">SI7456DP-T1-E3.pdf</a></p> <p><b>RoHS Status:</b>  Lead free / RoHS Compliant</p> <p><b>Stock Condition:</b> New original, 130139 pcs Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p>
<p>Image may be representation. See specs for product details.</p>	

### Specifications

Part Number	<a href="#">SI7456DP-T1-E3</a>
Manufacturer	<a href="#">Electro-Films (EFI) / Vishay</a>
Description	MOSFET N-CH 100V 5.7A PPAK SO-8
Category	<a href="#">Discrete Semiconductor Products &gt; Transistors - FETs,</a>
Part Status	130139 pcs Stock
Manufacturer Standard Lead Time	33 Weeks
Detailed Description	N-Channel 100V 5.7A (Ta) 1.9W (Ta) Surface Mount
Series	TrenchFET®
Technology	MOSFET (Metal Oxide)
Operating Temperature	-55°C ~ 150°C (TJ)
Mounting Type	Surface Mount
Package / Case	PowerPAK® SO-8
Supplier Device Package	PowerPAK® SO-8
Power Dissipation (Max)	1.9W (Ta)
FET Type	N-Channel
FET Feature	-
Drain to Source Voltage (Vdss)	100V
Current - Continuous Drain (Id) @ 25°C	5.7A (Ta)
Rds On (Max) @ Id, Vgs	25 mOhm @ 9.3A, 10V
Vgs(th) (Max) @ Id	4V @ 250µA
Gate Charge (Qg) (Max) @ Vgs	44nC @ 10V
Drive Voltage (Max Rds On, Min Rds On)	6V, 10V
Vgs (Max)	±20V
Packaging	Tape & Reel (TR)
Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Moisture Sensitivity Level (MSL)	1 (Unlimited)
Other Names	SI7456DP-T1-E3TR



















































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 SI7454CDP-T1-GE3	 SI7454CDP-T1-GE3	 SI7454DDP-T1-GE3	 SI7454DDP-T1-GE3	 SI7454DP
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 SI7456CDP-T1-GE3	 SI7456DDP-T1-GE3	 SI7456DDP-T1-GE3	 SI7456DP	 SI7456DP-T1-E3
 SI7456DP-T1-GE3	 SI7456DP-T1-GE3	 SI7458DP-T1-E3	 SI7459DP-T1-E3	 SI7459DP-T1-E3
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 SI7463ADP-T1-GE3	 SI7463ADP-T1-GE3	 SI7463DP-T1-GE3	 SI7463DP-T1-GE3	 SI7464DP-T1-E3

Contact us:[Info@Y-IC.com](mailto: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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