



Electro-Films (EFI) / Vishay

### SIC778CD-T1-GE3

Part Number:	SIC778CD-T1-GE3
Manufacturer/Brand:	Electro-Films (EFI) / Vishay
Product description:	IC BUCK ADJ 40A 40MLP
Datasheets:	
RoHS Status:	Lead free / RoHS Compliant
Stock Condition:	36250 pcs stock
Ship From:	Hong Kong
Shipment Way:	DHL/Fedex/TNT/UPS/EMS

**REQUEST FOR QUOTATION**

Image may be representation. See specifications for product details.

#### Specifications of SIC778CD-T1-GE3

PART NUMBER	SIC778CD-T1-GE3
MANUFACTURER	Electro-Films (EFI) / Vishay
DESCRIPTION	IC BUCK ADJ 40A 40MLP
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	36250 pcs
DATA SHEET	
VOLTAGE - SUPPLY	4.5 V ~ 5.5 V
VOLTAGE - LOAD	4.5 V ~ 18 V
TECHNOLOGY	DrMOS
SUPPLIER DEVICE PACKAGE	PowerPAK® MLP66-40
SERIES	-
RDS ON (TYP)	-
PACKAGING	Cut Tape (CT)
PACKAGE / CASE	40-PowerWFQFN Module
OUTPUT CONFIGURATION	Half Bridge
OTHER NAMES	SIC778CD-T1-GE3CT
OPERATING TEMPERATURE	-40°C ~ 150°C (TJ)
MOUNTING TYPE	Surface Mount
MOISTURE SENSITIVITY LEVEL (MSL)	1 (Unlimited)
LOAD TYPE	Inductive
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
INTERFACE	PWM
FEATURES	Bootstrap Circuit, Diode Emulation, Status Flag
FAULT PROTECTION	Over Temperature, Shoot-Through, UVLO
DETAILED DESCRIPTION	Half Bridge Driver Synchronous Buck Converters DrMOS PowerPAK® MLP66-40
CURRENT - PEAK OUTPUT	-
CURRENT - OUTPUT / CHANNEL	40A
BASE PART NUMBER	SIC778
APPLICATIONS	Synchronous Buck Converters

#### Related Tags

Electro-Films (EFI) / Vishay SIC778CD-T1-GE3	SIC778CD-T1-GE3 Distributor	SIC778CD-T1-GE3 Supplier
SIC778CD-T1-GE3 Price	SIC778CD-T1-GE3 Pictures	SIC778CD-T1-GE3 Image
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Phoenix Passive Components / Vishay SIC778CD-T1-GE3		

#### Related Products

<p><b>SIC770CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 100226 pcs <b>RFQ</b></p>	<p><b>SIC772CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC MOSFET DRIVER N-CH 40MLP In stock: 82601 pcs <b>RFQ</b></p>
<p><b>SIC779ACD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 80779 pcs <b>RFQ</b></p>	<p><b>SIC769CD-T1-E3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 3370 pcs <b>RFQ</b></p>
<p><b>SIC780CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 50A 40MLP In stock: 41772 pcs <b>RFQ</b></p>	<p><b>SIC783ACD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: INTEGRATED 50A DRMOS POWER STAGE In stock: 83240 pcs <b>RFQ</b></p>
<p><b>SIC779CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 40A 40MLP In stock: 37846 pcs <b>RFQ</b></p>	<p><b>SIC762CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 6552 pcs <b>RFQ</b></p>
<p><b>SIC769ACD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRL PFC STAGE PPAK MLP66-40 In stock: 5478 pcs <b>RFQ</b></p>	<p><b>SIC780ACD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 50A 40MLP In stock: 79916 pcs <b>RFQ</b></p>
<p><b>SIC781CD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 50A 40MLP In stock: 65697 pcs <b>RFQ</b></p>	<p><b>SIC778ACD-T1-GE3</b> Manufacturers: Electro-Films (EFI) / Vishay Description: IC BUCK ADJ 40A 40MLP In stock: 3294 pcs <b>RFQ</b></p>