

SI9122EDQ-T1-E3



Part Number: [SI9122EDQ-T1-E3](#)

Manufacturer: [Electro-Films \(EFI\) / Vishay](#)

Description: IC REG CTRLR HALF-BRIDGE 20TSSOP

Data sheet:  [SI9122E](#)

RoHS Status: Lead free / RoHS Compliant

Ship From: Hong Kong

Shipment Way: DHL/Fedex/TNT/UPS/EMS

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See Product Specifications for product details.
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PRODUCT PARAMETER			
Part Number	SI9122EDQ-T1-E3	Manufacturer	Electro-Films (EFI) / Vishay
Description	IC REG CTRLR HALF-BRIDGE 20TSSOP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	5558 pcs	Data sheet	SI9122E
Category	Integrated Circuits (ICs)	Voltage - Supply (Vcc/Vdd)	10.5 V ~ 13.2 V
Topology	Half-Bridge	Synchronous Rectifier	Yes
Supplier Device Package	20-TSSOP	Series	-
Serial Interfaces	-	Packaging	Tape & Reel (TR)
Package / Case	20-TSSOP (0.173", 4.40mm Width)	Output Type	Transistor Driver
Output Phases	1	Output Configuration	Positive, Isolation Capable
Operating Temperature	-40°C ~ 85°C (TA)	Number of Outputs	1
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Function	Step-Up/Step-Down	Frequency - Switching	500kHz
Duty Cycle (Max)	91%	Detailed Description	Half-Bridge Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 20-TSSOP
Control Features	Current Limit, Sequencing, Soft Start	Clock Sync	No
Base Part Number	SI9122		
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RELATED PRODUCTS			
	Part#: SI9122DQ-T1-E3 Description: IC REG CTRLR HALF-BRIDGE 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9140DQ-T1-E3 Description: IC REG CTRLR BUCK 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9145BY-E3 Description: IC REG CTRLR BUCK/BOOST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9122ADQ-T1-E3 Description: IC REG CTRLR HALF-BRIDGE 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9121DY-5-T1-E3 Description: IC CONV ISDN PWR SUPPLY 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9122ADLP-T1-E3 Description: IC REG CTRLR HALF-BRG MLP65-20	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9145BY-T1-E3 Description: IC REG CTRLR BUCK/BOOST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9169BQ-T1-E3 Description: IC CONV BUCK BOOST 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9121DB-5 Description: EVAL BOARD FOR SI9121	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9136LG-E3 Description: IC CTRLR PWM PIN PROG 28SSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9122EDLP-T1-E3 Description: IC REG CTRLR HALF-BRG MLP65-20	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9166BQ-T1-E3 Description: IC REG BCK BST 1.5A SYNC 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9145BQ-T1-E3 Description: IC REG CTRLR BUCK/BOOST 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9169DQ-T1-E3 Description: IC CONV BUCK BOOST 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9121DY-3-E3 Description: IC CONV ISDN PWR SUPPLY 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9140DY-T1-E3 Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9121DY-3-T1-E3 Description: IC CONV ISDN PWR SUPPLY 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9121DY-5-E3 Description: IC CONV ISDN PWR SUPPLY 8SOIC	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9122DLP-T1-E3 Description: IC REG CTRLR HALF-BRG MLP65-20	Manufacturers: Electro-Films (EFI) / Vishay	RFQ
	Part#: SI9182DH-33-T1-E3 Description: IC REG LINEAR 3.3V 250MA 8MSOP	Manufacturers: Electro-Films (EFI) / Vishay	RFQ

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