



Electro-Films (EFI) / Vishay



Image may be representation. See specifications for product details.

SI9145BY-T1-E3

Part Number:	SI9145BY-T1-E3
Manufacturer/Brand:	Electro-Films (EFI) / Vishay
Product description	IC REG CTRLR BUCK/BOOST 16SOIC
Datasheets:	 SI9145BY-T1-E3.pdf
RoHs Status	 Lead free / RoHS Compliant
Stock Condition	4892 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

Specifications of SI9145BY-T1-E3

PART NUMBER	SI9145BY-T1-E3
MANUFACTURER	Electro-Films (EFI) / Vishay
DESCRIPTION	IC REG CTRLR BUCK/BOOST 16SOIC
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4892 pcs
DATA SHEET	 SI9145BY-T1-E3.pdf
VOLTAGE - SUPPLY (VCC/VDD)	2.7 V ~ 7 V
TOPOLOGY	Buck, Boost
SYNCHRONOUS RECTIFIER	Yes
SUPPLIER DEVICE PACKAGE	16-SOIC
SERIES	-
SERIAL INTERFACES	-
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	16-SOIC (0.154", 3.90mm Width)
OUTPUT TYPE	Transistor Driver
OUTPUT PHASES	1
OUTPUT CONFIGURATION	Positive
OPERATING TEMPERATURE	-25°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	2kHz ~ 2MHz
DUTY CYCLE (MAX)	100%
DETAILED DESCRIPTION	Buck, Boost Regulator Positive Output Step-Up/Step-Down DC-DC Controller IC 16-SOIC
CONTROL FEATURES	Enable, Frequency Control, Soft Start
CLOCK SYNC	No
BASE PART NUMBER	SI9145

Related Tags

Electro-Films (EFI) / Vishay SI9145BY-T1-E3	SI9145BY-T1-E3 Distributor	SI9145BY-T1-E3 Supplier
SI9145BY-T1-E3 Price	SI9145BY-T1-E3 Pictures	SI9145BY-T1-E3 Image
SI9145BY-T1-E3 PDF Datasheet	SI9145BY-T1-E3 Download Datasheet	SI9145BY-T1-E3 Datasheet
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Electro-Films (EFI) / Vishay SI9145BY-T1-E3	Electro-Films (EFI) / Vishay Supplier	Electro-Films (EFI) / Vishay Distributor
Electro-Films (EFI) / Vishay SI9145BY-T1-E3	Electro-Films (EFI) / Vishay SI9145BY-T1-E3	Vishay Electro-Films SI9145BY-T1-E3
Phoenix Passive Components / Vishay SI9145BY-T1-E3		

Related Products

 SI9140DY-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG CTRLR BUCK 16SOIC In stock: 5533 pcs RFQ	 SI9169DQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CONV BUCK BOOST 20TSSOP In stock: 6899 pcs RFQ
 SI9145BQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG CTRLR BUCK/BOOST 16TSSOP In stock: 4795 pcs RFQ	 SI9136LG-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CTRLR PWM PIN PROG 28SSOP In stock: 5337 pcs RFQ
 SI9166BQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG BCK BST 1.5A SYNC 16TSSOP In stock: 4333 pcs RFQ	 SI9183DT-18-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG LIN 1.8V 150MA TSOT23-5 In stock: 5570 pcs RFQ
 SI9169BQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC CONV BUCK BOOST 20TSSOP In stock: 6866 pcs RFQ	 SI9183DT-25-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG LIN 2.5V 150MA TSOT23-5 In stock: 6971 pcs RFQ
 SI9122EDQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG CTRLR HALF-BRIDGE 20TSSOP In stock: 6336 pcs RFQ	 SI9182DH-33-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG LINEAR 3.3V 250MA 8MSOP In stock: 7055 pcs RFQ
 SI9145BY-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG CTRLR BUCK/BOOST 16SOIC In stock: 3236 pcs RFQ	 SI9140DQ-T1-E3 Manufacturers: Electro-Films (EFI) / Vishay Description: IC REG CTRLR BUCK 16TSSOP In stock: 7000 pcs RFQ