

SI9166BQ-T1-E3



Part Number: [SI9166BQ-T1-E3](#)

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

Description IC REG BCK BST 1.5A SYNC 16TSSOP

Data sheet:  [SI9166](#)

RoHs Status: Lead free / RoHS Compliant

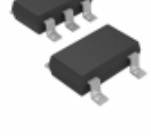
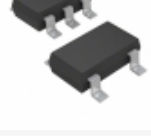
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Request For Quotation

PRODUCT PARAMETER		
Part Number	SI9166BQ-T1-E3	Manufacturer Electro-Films (EFI) / Vishay
Description	IC REG BCK BST 1.5A SYNC 16TSSOP	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Quantity Available	5045 pcs	Data sheet SI9166
Category	Integrated Circuits (ICs)	Voltage - Output (Min/Fixed) -
Voltage - Output (Max)	-	Voltage - Input (Min) 2.7V
Voltage - Input (Max)	6V	Topology Buck, Boost
Synchronous Rectifier	Yes	Supplier Device Package 16-TSSOP
Series	-	Packaging Tape & Reel (TR)
Package / Case	16-TSSOP (0.173", 4.40mm Width)	Output Type -
Output Configuration	Positive	Operating Temperature -25°C ~ 85°C (TA)
Number of Outputs	1	Mounting Type Surface Mount
Moisture Sensitivity Level (MSL)	1 (Unlimited)	Lead Free Status / RoHS Status Lead free / RoHS Compliant
Function	Step-Up, Step-Down	Frequency - Switching 200kHz ~ 2MHz
Detailed Description	Buck, Boost Switching Regulator IC Positive 1 Output 1.5A (Switch) 16-TSSOP (0.173", 4.40mm Width)	Current - Output 1.5A (Switch)
Base Part Number	SI9166	
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RELATED PRODUCTS		
	Part#: SI9183DT-33-T1-E3 Description: IC REG LIN 3.3V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-50-T1-E3 Description: IC REG LINEAR 5V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-18-T1-E3 Description: IC REG LIN 1.8V 150MA TSOT23-5	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#: SI9136LG-E3 Description: IC CTRLR PWM PIN PROG 28SSOP	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9140DY-T1-E3 Description: IC REG CTRLR BUCK 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9145BY-T1-E3 Description: IC REG CTRLR BUCK/BOOST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9122EDQ-T1-E3 Description: IC REG CTRLR HALF-BRIDGE 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-25-T1-E3 Description: IC REG LIN 2.5V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-30-T1-E3 Description: IC REG LINEAR 3V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9169DQ-T1-E3 Description: IC CONV BUCK BOOST 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9140DQ-T1-E3 Description: IC REG CTRLR BUCK 16TSSOP	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-285-T1-E3 Description: IC REG LIN 2.85V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9183DT-28-T1-E3 Description: IC REG LIN 2.8V 150MA TSOT23-5	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9145BQ-T1-E3 Description: IC REG CTRLR BUCK/BOOST 16TSSOP	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#: SI9169BQ-T1-E3 Description: IC CONV BUCK BOOST 20TSSOP	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9145BY-E3 Description: IC REG CTRLR BUCK/BOOST 16SOIC	Manufacturers: Electro-Films (EFI) / Vishay RFQ
	Part#: SI9122DQ-T1-E3 Description: IC REG CTRLR HALF-BRIDGE 20TSSOP	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

Related keywords for SI9166BQ-T1-E3			
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