



Electro-Films (EFI) / Vishay



SI9114ADY-T1-E3

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SI9114ADY-T1-E3                                                                                              |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                 |
| Product description | IC REG CTRLR MULT TOP 14SOIC                                                                                 |
| Datasheets:         |  SI9114ADY-T1-E3.pdf        |
| RoHs Status         |  Lead free / RoHS Compliant |
| Stock Condition     | 5597 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 SI9114ADY-T1-E3

|                                  |                                                                                                                       |
|----------------------------------|-----------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | SI9114ADY-T1-E3                                                                                                       |
| MANUFACTURER                     | Electro-Films (EFI) / Vishay                                                                                          |
| DESCRIPTION                      | IC REG CTRLR MULT TOP 14SOIC                                                                                          |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                            |
| QUANTITY AVAILABLE               | 5597 pcs                                                                                                              |
| DATA SHEET                       |  SI9114ADY-T1-E3.pdf               |
| VOLTAGE - SUPPLY (VCC/VDD)       | 9.5 V ~ 16.5 V                                                                                                        |
| TOPOLOGY                         | Flyback, Forward Converter                                                                                            |
| SYNCHRONOUS RECTIFIER            | No                                                                                                                    |
| SUPPLIER DEVICE PACKAGE          | 14-SOIC                                                                                                               |
| SERIES                           | -                                                                                                                     |
| SERIAL INTERFACES                | -                                                                                                                     |
| PACKAGING                        | Tape & Reel (TR)                                                                                                      |
| PACKAGE / CASE                   | 14-SOIC (0.154", 3.90mm 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            | 20kHz ~ 2MHz                                                                                                          |
| DUTY CYCLE (MAX)                 | 50%                                                                                                                   |
| DETAILED DESCRIPTION             | Flyback, Forward Converter Regulator Positive, Isolation Capable Output Step-Up/Step-Down DC-DC Controller IC 14-SOIC |
| CONTROL FEATURES                 | Enable, Soft Start                                                                                                    |
| CLOCK SYNC                       | Yes                                                                                                                   |
| BASE PART NUMBER                 | SI9114                                                                                                                |

Related Tags

|                                                     |                                              |                                                  |
|-----------------------------------------------------|----------------------------------------------|--------------------------------------------------|
| Electro-Films (EFI) / Vishay SI9114ADY-T1-E3        | SI9114ADY-T1-E3 Distributor                  | SI9114ADY-T1-E3 Supplier                         |
| SI9114ADY-T1-E3 Price                               | SI9114ADY-T1-E3 Pictures                     | SI9114ADY-T1-E3 Image                            |
| SI9114ADY-T1-E3 PDF Datasheet                       | SI9114ADY-T1-E3 Download Datasheet           | SI9114ADY-T1-E3 Datasheet                        |
| SI9114ADY-T1-E3 Stock                               | Buy SI9114ADY-T1-E3                          | Buy Electro-Films (EFI) / Vishay SI9114ADY-T1-E3 |
| Electro-Films (EFI) / Vishay SI9114ADY-T1-E3        | Electro-Films (EFI) / Vishay Supplier        | Electro-Films (EFI) / Vishay Distributor         |
| Electro-Films (EFI) / Vishay SI9114ADY-T1-E3        | Electro-Films (EFI) / Vishay SI9114ADY-T1-E3 | Vishay Electro-Films SI9114ADY-T1-E3             |
| Phoenix Passive Components / Vishay SI9114ADY-T1-E3 |                                              |                                                  |

Related Products

|                                                                                                                                                                                                                                           |                                                                                                                                                                                                                                             |
|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div>SI9121DB-3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: EVAL BOARD FOR SI9121<br/>In stock: 4586 pcs<br/>RFQ</div>            |  <div>SI9120DY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRLR UNIV SWMODE 16SOIC<br/>In stock: 6141 pcs<br/>RFQ</div>      |
|  <div>SI9112DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 3443 pcs<br/>RFQ</div> |  <div>SI9120DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRLR UNIV SWMODE 16SOIC<br/>In stock: 3577 pcs<br/>RFQ</div>   |
|  <div>SI9113DY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CONTROLLER PWM/LDO 14SOIC<br/>In stock: 7058 pcs<br/>RFQ</div>    |  <div>SI9111DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 3212 pcs<br/>RFQ</div>  |
|  <div>SI9113DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CONTROLLER PWM/LDO 14SOIC<br/>In stock: 3813 pcs<br/>RFQ</div> |  <div>SI9112DY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 4912 pcs<br/>RFQ</div>     |
|  <div>SI9118DY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR FWRD CONV 16SOIC<br/>In stock: 5982 pcs<br/>RFQ</div>   |  <div>SI9114ADY-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR MULT TOP 14SOIC<br/>In stock: 4530 pcs<br/>RFQ</div>    |
|  <div>SI9120DJ-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRLR UNIV SWMODE 16DIP<br/>In stock: 5807 pcs<br/>RFQ</div>      |  <div>SI9118DY-T1-E3<br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC REG CTRLR FWRD CONV 16SOIC<br/>In stock: 5947 pcs<br/>RFQ</div> |