



Electro-Films (EFI) / Vishay

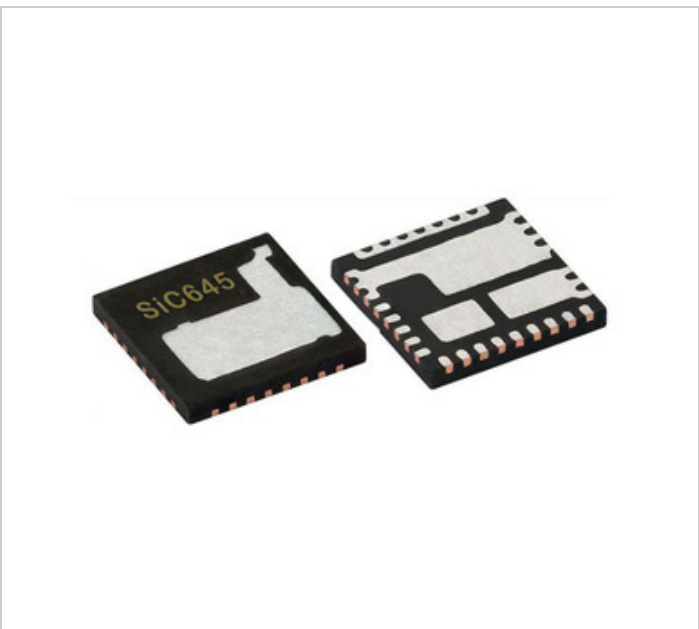


Image may be representation. See specifications for product details.

SIC645ADR-T1-GE3

|                     |                                                                                                                        |
|---------------------|------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | SIC645ADR-T1-GE3                                                                                                       |
| Manufacturer/Brand: | Electro-Films (EFI) / Vishay                                                                                           |
| Product description | 60A VRPOWER SMART POWER STAGE(SP                                                                                       |
| Datasheets:         |  <a href="#">SIC645ADR-T1-GE3.pdf</a> |
| Stock Condition     | 63393 pcs stock                                                                                                        |
| Ship From           | Hong Kong                                                                                                              |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                                  |

REQUEST FOR QUOTATION

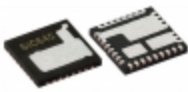
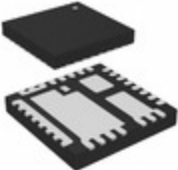
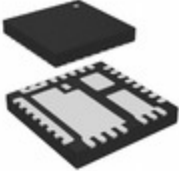
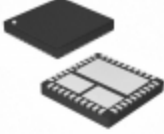
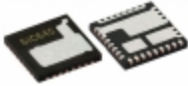
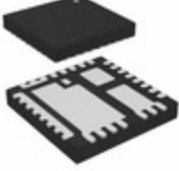
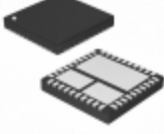
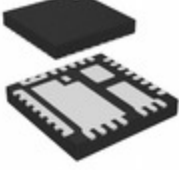
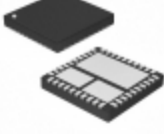
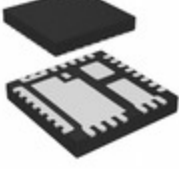
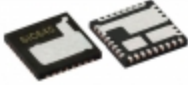
Specifications of SIC645ADR-T1-GE3

|                                |                                                                                                                          |
|--------------------------------|--------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                    | SIC645ADR-T1-GE3                                                                                                         |
| MANUFACTURER                   | Electro-Films (EFI) / Vishay                                                                                             |
| DESCRIPTION                    | 60A VRPOWER SMART POWER STAGE(SP                                                                                         |
| LEAD FREE STATUS / ROHS STATUS |                                                                                                                          |
| QUANTITY AVAILABLE             | 63393 pcs                                                                                                                |
| DATA SHEET                     |  <a href="#">SIC645ADR-T1-GE3.pdf</a> |
| VOLTAGE - SUPPLY               | 4.75 ~ 5.25 V                                                                                                            |
| VOLTAGE - LOAD                 | 4.5 V ~ 18 V                                                                                                             |
| TECHNOLOGY                     | NMOS                                                                                                                     |
| SUPPLIER DEVICE PACKAGE        | PowerPAK® MLP55-32 Double Cooling                                                                                        |
| SERIES                         | VRPower®                                                                                                                 |
| RDS ON (TYP)                   | 0.76 mOhm LS, 3.6 mOhm HS                                                                                                |
| PACKAGING                      | Tape & Reel (TR)                                                                                                         |
| PACKAGE / CASE                 | 32-PowerWQFN, Module                                                                                                     |
| OUTPUT CONFIGURATION           | Half Bridge                                                                                                              |
| OPERATING TEMPERATURE          | -40°C ~ 85°C (TJ)                                                                                                        |
| MOUNTING TYPE                  | Surface Mount                                                                                                            |
| LOAD TYPE                      | Inductive                                                                                                                |
| INTERFACE                      | PWM                                                                                                                      |
| FEATURES                       | Bootstrap Circuit, Status Flag                                                                                           |
| FAULT PROTECTION               | Current Limiting, Over Temperature, Shoot-Through, UVLO                                                                  |
| DETAILED DESCRIPTION           | Half Bridge Driver Synchronous Buck Converters, Voltage Regulators NMOS PowerPAK® MLP55-32 Double Cooling                |
| CURRENT - PEAK OUTPUT          | -                                                                                                                        |
| CURRENT - OUTPUT / CHANNEL     | -                                                                                                                        |
| APPLICATIONS                   | Synchronous Buck Converters, Voltage Regulators                                                                          |

Related Tags

|                                                      |                                               |                                                   |
|------------------------------------------------------|-----------------------------------------------|---------------------------------------------------|
| Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3        | SIC645ADR-T1-GE3 Distributor                  | SIC645ADR-T1-GE3 Supplier                         |
| SIC645ADR-T1-GE3 Price                               | SIC645ADR-T1-GE3 Pictures                     | SIC645ADR-T1-GE3 Image                            |
| SIC645ADR-T1-GE3 PDF Datasheet                       | SIC645ADR-T1-GE3 Download Datasheet           | SIC645ADR-T1-GE3 Datasheet                        |
| SIC645ADR-T1-GE3 Stock                               | Buy SIC645ADR-T1-GE3                          | Buy Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 |
| Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3        | Electro-Films (EFI) / Vishay Supplier         | Electro-Films (EFI) / Vishay Distributor          |
| Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3        | Electro-Films (EFI) / Vishay SIC645ADR-T1-GE3 | Vishay Electro-Films SIC645ADR-T1-GE3             |
| Phoenix Passive Components / Vishay SIC645ADR-T1-GE3 |                                               |                                                   |

Related Products

|                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                     |
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|  <div><b>SIC645ALR-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: 60A VRPOWERSMART POWER STAGE(SPS<br/>In stock: 56228 pcs<br/><div>RFQ</div></div> |  <div><b>SIC634CD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: 40A VRPOWER (DRMOS) INTEGRATED P<br/>In stock: 101582 pcs<br/><div>RFQ</div></div> |
|  <div><b>SIC639CD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: INTEGRATED POWER STAGE POWERPAK<br/>In stock: 35241 pcs<br/><div>RFQ</div></div>   |  <div><b>SIC762CD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRL PFC STAGE PPAK MLP66-40<br/>In stock: 6552 pcs<br/><div>RFQ</div></div>    |
|  <div><b>SIC638CD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: INTEGRATED POWER STAGE POWERPAK<br/>In stock: 42902 pcs<br/><div>RFQ</div></div>   |  <div><b>SIC645ER-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: 60A VRPOWERSMART POWER STAGE(SPS<br/>In stock: 52796 pcs<br/><div>RFQ</div></div>  |
|  <div><b>SIC632CD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRL STAGE 50A 5V PWM PPAK ML<br/>In stock: 89037 pcs<br/><div>RFQ</div></div>  |  <div><b>SIC769CD-T1-E3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRL PFC STAGE PPAK MLP66-40<br/>In stock: 3370 pcs<br/><div>RFQ</div></div>     |
|  <div><b>SIC638ACD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: INTEGRATED POWER STAGE POWERPAK<br/>In stock: 44870 pcs<br/><div>RFQ</div></div>  |  <div><b>SIC769ACD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC CTRL PFC STAGE PPAK MLP66-40<br/>In stock: 5478 pcs<br/><div>RFQ</div></div>   |
|  <div><b>SIC639ACD-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: INTEGRATED POWER STAGE POWERPAK<br/>In stock: 86988 pcs<br/><div>RFQ</div></div>  |  <div><b>SIC645AER-T1-GE3</b><br/>Manufacturers: Electro-Films (EFI) / Vishay<br/>Description: IC PWR STAGE 60A 3.3V MLP55-32L<br/>In stock: 56382 pcs<br/><div>RFQ</div></div>  |