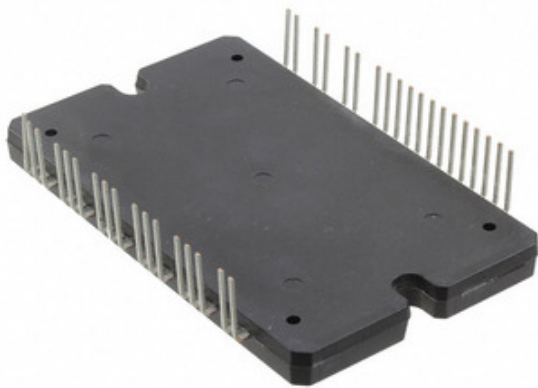


ON Semiconductor®  


AMI Semiconductor / ON

Semiconductor



STK5F4U3C2D-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STK5F4U3C2D-E                                                                                                |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | IC INVERTER 3PHASE HIC 4DIP                                                                                  |
| Datasheets:         |  STK5F4U3C2D-E.pdf          |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

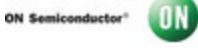
Specifications of STK5F4U3C2D-E

|                                  |                                                                                                       |
|----------------------------------|-------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STK5F4U3C2D-E                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                  |
| DESCRIPTION                      | IC INVERTER 3PHASE HIC 4DIP                                                                           |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| DATA SHEET                       |  STK5F4U3C2D-E.pdf |
| VOLTAGE - SUPPLY                 | 12.5 V ~ 17.5 V                                                                                       |
| VOLTAGE - LOAD                   | 450V (Max)                                                                                            |
| TECHNOLOGY                       | IGBT                                                                                                  |
| SUPPLIER DEVICE PACKAGE          | 44-DIP                                                                                                |
| SERIES                           | -                                                                                                     |
| RDS ON (TYP)                     | -                                                                                                     |
| PACKAGING                        | Tube                                                                                                  |
| PACKAGE / CASE                   | 44-DIP Module, 37 Leads                                                                               |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                                                       |
| OTHER NAMES                      | STK5F4U3C2D-EOS                                                                                       |
| OPERATING TEMPERATURE            | -20°C ~ 150°C (TJ)                                                                                    |
| MOUNTING TYPE                    | Through Hole                                                                                          |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                         |
| LOAD TYPE                        | Inductive                                                                                             |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                            |
| INTERFACE                        | Logic                                                                                                 |
| FEATURES                         | Bootstrap Circuit, Status Flag                                                                        |
| FAULT PROTECTION                 | Current Limiting, Shoot-Through, UVLO                                                                 |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver AC Motors IGBT 44-DIP                                                          |
| CURRENT - PEAK OUTPUT            | 45A                                                                                                   |
| CURRENT - OUTPUT / CHANNEL       | 30A                                                                                                   |
| BASE PART NUMBER                 | STK5F4U3                                                                                              |
| APPLICATIONS                     | AC Motors                                                                                             |

Related Tags

|                                                         |                                                          |                                                        |
|---------------------------------------------------------|----------------------------------------------------------|--------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor STK5F4U3C2D-E      | STK5F4U3C2D-E Distributor                                | STK5F4U3C2D-E Supplier                                 |
| STK5F4U3C2D-E Price                                     | STK5F4U3C2D-E Pictures                                   | STK5F4U3C2D-E Image                                    |
| STK5F4U3C2D-E PDF Datasheet                             | STK5F4U3C2D-E Download Datasheet                         | STK5F4U3C2D-E Datasheet                                |
| STK5F4U3C2D-E Stock                                     | Buy STK5F4U3C2D-E                                        | Buy AMI Semiconductor / ON Semiconductor STK5F4U3C2D-E |
| AMI Semiconductor / ON Semiconductor STK5F4U3C2D-E      | AMI Semiconductor / ON Semiconductor Supplier            | AMI Semiconductor / ON Semiconductor Distributor       |
| AMI Semiconductor / ON Semiconductor STK5F4U3C2D-E      | ON Semiconductor STK5F4U3C2D-E                           | Aptina / ON Semiconductor STK5F4U3C2D-E                |
| Catalyst Semiconductor / ON Semiconductor STK5F4U3C2D-E | PulseCore Semiconductor / ON Semiconductor STK5F4U3C2D-E | Sanyo Semiconductor / ON Semiconductor STK5F4U3C2D-E   |

Related Products

|                                                                                                                                                                                                                                                                                 |                                                                                                                                                                                                                                                                                |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>STK5MFU3C1A-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOD IPM 30A 600V 2-IN-1 23SIP<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>STK5F1U3E3D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC IPM INVERTER 3PHASE 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div> |
| <div></div> <div><b>STK5Q4U352JGEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD STK5Q4U352JG<br/>In stock: Out stock<br/><div>RFQ</div></div>     | <div></div> <div><b>STK5F4U3E2D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC BRIDGE DRIVER PAR 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STK5D4-362D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div>               | <div></div> <div><b>STK5Q4U362J-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MOD IPM INVERTER 3PH DIPS3<br/>In stock: 23 pcs<br/><div>RFQ</div></div>     |
| <div></div> <div><b>STK5F1U3C2D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE HYBRID INVERTER 3PHASE<br/>In stock: Out stock<br/><div>RFQ</div></div> | <div></div> <div><b>STK5F1U3E2D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC BRIDGE DRIVER PAR 4DIP<br/>In stock: Out stock<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STK5F1U3C3D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div>               | <div></div> <div><b>STK5F1U3E0D-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER<br/>In stock: Out stock<br/><div>RFQ</div></div>             |
| <div></div> <div><b>STK5Q4U361J-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: INVERTER<br/>In stock: Out stock<br/><div>RFQ</div></div>                      | <div></div> <div><b>STK5Q4U352J-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: MODULE IPM INVERTER 3PH SPCM24<br/>In stock: 30 pcs<br/><div>RFQ</div></div> |