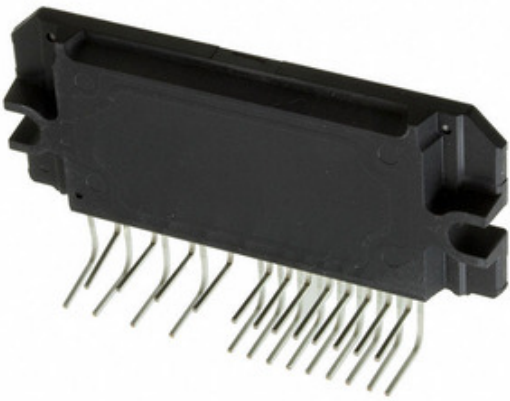


ON Semiconductor®

ON

AMI Semiconductor / ON

Semiconductor



STK57FU394AG-E

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | STK57FU394AG-E                                                                                               |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                         |
| Product description | 2-IN-1 PFC AND INVERTER IPM                                                                                  |
| Datasheets:         |  STK57FU394AG-E.pdf         |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of STK57FU394AG-E

|                                  |                                                                                                        |
|----------------------------------|--------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STK57FU394AG-E                                                                                         |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                   |
| DESCRIPTION                      | 2-IN-1 PFC AND INVERTER IPM                                                                            |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                             |
| DATA SHEET                       |  STK57FU394AG-E.pdf |
| VOLTAGE - SUPPLY                 | 12.5 V ~ 17.5 V                                                                                        |
| VOLTAGE - LOAD                   | 400V (Max)                                                                                             |
| TECHNOLOGY                       | IGBT                                                                                                   |
| SUPPLIER DEVICE PACKAGE          | 35-SIP/SIP2A-3                                                                                         |
| SERIES                           | -                                                                                                      |
| RDS ON (TYP)                     | -                                                                                                      |
| PACKAGING                        | Tray                                                                                                   |
| PACKAGE / CASE                   | 35-SSIP, 25 Leads                                                                                      |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                                                        |
| OTHER NAMES                      | STK57FU394AG-EOS                                                                                       |
| OPERATING TEMPERATURE            | 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                                                                                      |
| FAULT PROTECTION                 | Current Limiting, UVLO                                                                                 |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver AC Motors, DC Motors, General Purpose IGBT 35-SIP/SIP2A-3                       |
| CURRENT - PEAK OUTPUT            | 30A                                                                                                    |
| CURRENT - OUTPUT / CHANNEL       | 15A                                                                                                    |
| APPLICATIONS                     | AC Motors, DC Motors, General Purpose                                                                  |

Related Tags

|                                                          |                                                           |                                                         |
|----------------------------------------------------------|-----------------------------------------------------------|---------------------------------------------------------|
| AMI Semiconductor / ON Semiconductor STK57FU394AG-E      | STK57FU394AG-E Distributor                                | STK57FU394AG-E Supplier                                 |
| STK57FU394AG-E Price                                     | STK57FU394AG-E Pictures                                   | STK57FU394AG-E Image                                    |
| STK57FU394AG-E PDF Datasheet                             | STK57FU394AG-E Download Datasheet                         | STK57FU394AG-E Datasheet                                |
| STK57FU394AG-E Stock                                     | Buy STK57FU394AG-E                                        | Buy AMI Semiconductor / ON Semiconductor STK57FU394AG-E |
| AMI Semiconductor / ON Semiconductor STK57FU394AG-E      | AMI Semiconductor / ON Semiconductor Supplier             | AMI Semiconductor / ON Semiconductor Distributor        |
| AMI Semiconductor / ON Semiconductor STK57FU394AG-E      | ON Semiconductor STK57FU394AG-E                           | Aptina / ON Semiconductor STK57FU394AG-E                |
| Catalyst Semiconductor / ON Semiconductor STK57FU394AG-E | PulseCore Semiconductor / ON Semiconductor STK57FU394AG-E | Sanyo Semiconductor / ON Semiconductor STK57FU394AG-E   |

Related Products

|                                                                                                                                                                                                                                                                                                    |                                                                                                                                                                                                                                                                                                              |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK554U3A1A-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK581U3C2DGEVB</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: EVAL BOARD STK581U3C2DG</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK554U394A-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK581U3A0D-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                          |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK57FU394AGGEVB</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: EVAL BOARD FOR STK57FU394</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                   | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK581U3C0D-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                          |
| <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK57FU394A-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: MOD IPM PFC INVERTER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                           | <div><div><div>ON Semiconductor®</div><div>ON</div></div><div><div>STK581U3C2A-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER</div><div>In stock: Out stock</div><div>RFQ</div></div></div>                                                          |
| <div><div></div><div><div>STK554U392A-E</div><div>Manufacturers: ON Semiconductor</div><div>Description: IC BRIDGE DRIVER PAR 29SIP</div><div>In stock: 18 pcs</div><div>RFQ</div></div></div>                   | <div><div></div><div><div>STK554U392AGEVB</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: EVAL KIT 3 PHASE HYBRID INVERTER</div><div>In stock: 2 pcs</div><div>RFQ</div></div></div> |
| <div><div></div><div><div>STK57FU391A-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER 35SIP</div><div>In stock: Out stock</div><div>RFQ</div></div></div> | <div><div></div><div><div>STK581U3C2D-E</div><div>Manufacturers: AMI Semiconductor / ON Semiconductor</div><div>Description: IC MOTOR DRIVER 22SIP</div><div>In stock: 14 pcs</div><div>RFQ</div></div></div>             |