

ON Semiconductor®  


AMI Semiconductor / ON

Semiconductor



STK681-300

|                     |                                                                                                                                                                                                          |
|---------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Part Number:        | STK681-300                                                                                                                                                                                               |
| Manufacturer/Brand: | AMI Semiconductor / ON Semiconductor                                                                                                                                                                     |
| Product description | IC MOTOR DRIVER PAR 19SIP                                                                                                                                                                                |
| Datasheets:         |  1.STK681-300.pdf<br> 2.STK681-300.pdf |
| RoHs Status         |  Lead free / RoHS Compliant                                                                                             |
| Stock Condition     | 7069 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 STK681-300

|                                  |                                                                                                                                                                                                              |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| PART NUMBER                      | STK681-300                                                                                                                                                                                                   |
| MANUFACTURER                     | AMI Semiconductor / ON Semiconductor                                                                                                                                                                         |
| DESCRIPTION                      | IC MOTOR DRIVER PAR 19SIP                                                                                                                                                                                    |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                   |
| QUANTITY AVAILABLE               | 7069 pcs                                                                                                                                                                                                     |
| DATA SHEET                       |  1.STK681-300.pdf<br> 2.STK681-300.pdf |
| VOLTAGE - SUPPLY                 | 4.75 V ~ 5.25 V                                                                                                                                                                                              |
| VOLTAGE - LOAD                   | 10 V ~ 42 V                                                                                                                                                                                                  |
| TECHNOLOGY                       | Power MOSFET, IGBT                                                                                                                                                                                           |
| SUPPLIER DEVICE PACKAGE          | -                                                                                                                                                                                                            |
| STEP RESOLUTION                  | -                                                                                                                                                                                                            |
| SERIES                           | -                                                                                                                                                                                                            |
| PACKAGING                        | Bulk                                                                                                                                                                                                         |
| PACKAGE / CASE                   | 19-SSIP Formed Leads                                                                                                                                                                                         |
| OUTPUT CONFIGURATION             | Half Bridge (2)                                                                                                                                                                                              |
| OTHER NAMES                      | STK681-300-ND<br>STK681-300OS<br>STK681300                                                                                                                                                                   |
| OPERATING TEMPERATURE            | 150°C (TJ)                                                                                                                                                                                                   |
| MOUNTING TYPE                    | Through Hole                                                                                                                                                                                                 |
| MOTOR TYPE - STEPPER             | -                                                                                                                                                                                                            |
| MOTOR TYPE - AC, DC              | Brushed DC                                                                                                                                                                                                   |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                                                                                                                                                                |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                                                                                                                                                   |
| INTERFACE                        | Parallel                                                                                                                                                                                                     |
| FUNCTION                         | Driver - Fully Integrated, Control and Power Stage                                                                                                                                                           |
| DETAILED DESCRIPTION             | Motor Driver Power MOSFET, IGBT Parallel                                                                                                                                                                     |
| CURRENT - OUTPUT                 | 2.9A                                                                                                                                                                                                         |
| BASE PART NUMBER                 | STK681                                                                                                                                                                                                       |
| APPLICATIONS                     | General Purpose                                                                                                                                                                                              |

Related Tags

|                                                      |                                                       |                                                     |
|------------------------------------------------------|-------------------------------------------------------|-----------------------------------------------------|
| AMI Semiconductor / ON Semiconductor STK681-300      | STK681-300 Distributor                                | STK681-300 Supplier                                 |
| STK681-300 Price                                     | STK681-300 Pictures                                   | STK681-300 Image                                    |
| STK681-300 PDF Datasheet                             | STK681-300 Download Datasheet                         | STK681-300 Datasheet                                |
| STK681-300 Stock                                     | Buy STK681-300                                        | Buy AMI Semiconductor / ON Semiconductor STK681-300 |
| AMI Semiconductor / ON Semiconductor STK681-300      | AMI Semiconductor / ON Semiconductor Supplier         | AMI Semiconductor / ON Semiconductor Distributor    |
| AMI Semiconductor / ON Semiconductor STK681-300      | ON Semiconductor STK681-300                           | Aptina / ON Semiconductor STK681-300                |
| Catalyst Semiconductor / ON Semiconductor STK681-300 | PulseCore Semiconductor / ON Semiconductor STK681-300 | Sanyo Semiconductor / ON Semiconductor STK681-300   |

Related Products

|                                                                                                                                                                                                                                                                              |                                                                                                                                                                                                                                                                            |
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| <div></div> <div><b>STK681-200-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC HYBRID MOTOR DRIVER 11SIP<br/>In stock: 6078 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>STK681-320</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER PAR 19SIP<br/>In stock: 3945 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STK681-320GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL FOR STK681-320<br/>In stock: 2718 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>STK681-310</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER PAR 19SIP<br/>In stock: 3163 pcs<br/><div>RFQ</div></div>   |
| <div></div> <div><b>STK681-050-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER<br/>In stock: 3895 pcs<br/><div>RFQ</div></div>              | <div></div> <div><b>STK673-011-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER PAR 28SIP<br/>In stock: 5888 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>STK681-310GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL FOR STK681-310<br/>In stock: 4756 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>STK673-010GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD STK673-010G<br/>In stock: 3441 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STK681-300GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: BOARD EVAL FOR STK681-300<br/>In stock: 4691 pcs<br/><div>RFQ</div></div>  | <div></div> <div><b>STK673-011GEVB</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: EVAL BOARD STK673-011G<br/>In stock: 4565 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>STK681-332-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER PAR 19SIP<br/>In stock: 11277 pcs<br/><div>RFQ</div></div>   | <div></div> <div><b>STK681-210-E</b><br/>Manufacturers: AMI Semiconductor / ON Semiconductor<br/>Description: IC MOTOR DRIVER<br/>In stock: 6838 pcs<br/><div>RFQ</div></div>           |