



Sanken Electric Co., Ltd.



SIM6813M

|                     |                                                                                                              |
|---------------------|--------------------------------------------------------------------------------------------------------------|
| Part Number:        | SIM6813M                                                                                                     |
| Manufacturer/Brand: | Sanken Electric Co., Ltd.                                                                                    |
| Product description | IC BRIDGE DRIVER PAR 40DIP                                                                                   |
| Datasheets:         | <a href="#">1.SIM6813M.pdf</a><br><a href="#">2.SIM6813M.pdf</a>                                             |
| RoHs Status         |  Lead free / RoHS Compliant |
| Ship From           | Hong Kong                                                                                                    |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                                                        |

REQUEST FOR QUOTATION

Specifications of SIM6813M

|                                  |                                                                  |
|----------------------------------|------------------------------------------------------------------|
| PART NUMBER                      | SIM6813M                                                         |
| MANUFACTURER                     | Sanken Electric Co., Ltd.                                        |
| DESCRIPTION                      | IC BRIDGE DRIVER PAR 40DIP                                       |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| DATA SHEET                       | <a href="#">1.SIM6813M.pdf</a><br><a href="#">2.SIM6813M.pdf</a> |
| VOLTAGE - SUPPLY                 | 13.5 V ~ 16.5 V                                                  |
| VOLTAGE - LOAD                   | 400V (Max)                                                       |
| TECHNOLOGY                       | Power MOSFET                                                     |
| SUPPLIER DEVICE PACKAGE          | 40-DIP LF2971                                                    |
| SERIES                           | -                                                                |
| RDS ON (TYP)                     | 1.4 Ohm                                                          |
| PACKAGING                        | Tube                                                             |
| PACKAGE / CASE                   | 40-DIP (0.657", 16.70mm), 29 Leads                               |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                  |
| OTHER NAMES                      | SIM6813M DK                                                      |
| OPERATING TEMPERATURE            | -20°C ~ 100°C (TA)                                               |
| MOUNTING TYPE                    | Through Hole                                                     |
| MOISTURE SENSITIVITY LEVEL (MSL) | 1 (Unlimited)                                                    |
| MANUFACTURER STANDARD LEAD TIME  | 36 Weeks                                                         |
| LOAD TYPE                        | Inductive                                                        |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                       |
| INTERFACE                        | Logic                                                            |
| FEATURES                         | Bootstrap Circuit                                                |
| FAULT PROTECTION                 | Current Limiting, Over Temperature, UVLO                         |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver AC Motors Power MOSFET 40-DIP LF2971      |
| CURRENT - PEAK OUTPUT            | 4.5A                                                             |
| CURRENT - OUTPUT / CHANNEL       | 3A                                                               |
| APPLICATIONS                     | AC Motors                                                        |

Related Tags

|                                    |                                    |                                        |
|------------------------------------|------------------------------------|----------------------------------------|
| Sanken Electric Co., Ltd. SIM6813M | SIM6813M Distributor               | SIM6813M Supplier                      |
| SIM6813M Price                     | SIM6813M Pictures                  | SIM6813M Image                         |
| SIM6813M PDF Datasheet             | SIM6813M Download Datasheet        | SIM6813M Datasheet                     |
| SIM6813M Stock                     | Buy SIM6813M                       | Buy Sanken Electric Co., Ltd. SIM6813M |
| Sanken Electric Co., Ltd. SIM6813M | Sanken Electric Co., Ltd. Supplier | Sanken Electric Co., Ltd. Distributor  |
| Sanken Electric Co., Ltd. SIM6813M | Sanken SIM6813M                    | Sanken electric SIM6813M               |
| Sanken Electric Co., Ltd. SIM6813M |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                                               |                                                                                                                                                                                                                                                                    |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <div><b>SIM543-A01-C45ALM-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP MV<br/>In stock: 4 pcs<br/><a href="#">RFQ</a></div> |  <div><b>SIMB-M02-D2500A1E</b><br/>Manufacturers: Advantech<br/>Description: CIRCUIT MODULE INTEL ATOM CEDAR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>              |
|  <div><b>SIM6827M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>        |  <div><b>SIM535-A03-R55ALL-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP TF<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>SIM6822M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>        |  <div><b>SIM6812M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: 918 pcs<br/><a href="#">RFQ</a></div>              |
|  <div><b>SIMB-M02-N2600A1E</b><br/>Manufacturers: Advantech<br/>Description: CIRCUIT MODULE INTEL ATOM CEDAR<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |  <div><b>SIM535-A03-R55ALL-05</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP TF<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |
|  <div><b>SIM543-A01-DEV-01</b><br/>Manufacturers: Serious Integrated<br/>Description: DEV KIT W/SIM543-A01-C45ALM-01<br/>In stock: 2 pcs<br/><a href="#">RFQ</a></div>      |  <div><b>SIMB-A21-8VG00A1E</b><br/>Manufacturers: Advantech<br/>Description: LAG1155 INTEL CORE I7/I5/I3 CEL<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>              |
|  <div><b>SIMB-M01-1VGS8A1E</b><br/>Manufacturers: Advantech<br/>Description: CIRCUIT MODULE D525 + NM10 MINI<br/>In stock: Out stock<br/><a href="#">RFQ</a></div>          |  <div><b>SIM543-A03-C45ALM-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP MV<br/>In stock: Out stock<br/><a href="#">RFQ</a></div> |