



Sanken Electric Co., Ltd.



SIM6812M

|                     |                                                                                 |
|---------------------|---------------------------------------------------------------------------------|
| Part Number:        | SIM6812M                                                                        |
| Manufacturer/Brand: | Sanken Electric Co., Ltd.                                                       |
| Product description | IC BRIDGE DRIVER PAR 40DIP                                                      |
| Datasheets:         | <div><div>PDF</div>1.SIM6812M.pdf</div> <div><div>PDF</div>2.SIM6812M.pdf</div> |
| RoHs Status         | <div><div>RoHS</div>Lead free / RoHS Compliant</div>                            |
| Stock Condition     | 10910 pcs stock                                                                 |
| Ship From           | Hong Kong                                                                       |
| Shipment Way        | DHL/Fedex/TNT/UPS/EMS                                                           |

REQUEST FOR QUOTATION

Specifications of SIM6812M

|                                  |                                                                                 |
|----------------------------------|---------------------------------------------------------------------------------|
| PART NUMBER                      | SIM6812M                                                                        |
| MANUFACTURER                     | Sanken Electric Co., Ltd.                                                       |
| DESCRIPTION                      | IC BRIDGE DRIVER PAR 40DIP                                                      |
| LEAD FREE STATUS / ROHS STATUS   | Lead free / RoHS Compliant                                                      |
| QUANTITY AVAILABLE               | 10910 pcs                                                                       |
| DATA SHEET                       | <div><div>PDF</div>1.SIM6812M.pdf</div> <div><div>PDF</div>2.SIM6812M.pdf</div> |
| 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)                     | 2 Ohm                                                                           |
| PACKAGING                        | Tube                                                                            |
| PACKAGE / CASE                   | 40-DIP (0.657", 16.70mm), 29 Leads                                              |
| OUTPUT CONFIGURATION             | Half Bridge (3)                                                                 |
| OTHER NAMES                      | SIM6812M DK                                                                     |
| OPERATING TEMPERATURE            | -20°C ~ 100°C (TA)                                                              |
| 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, Over Temperature, UVLO                                        |
| DETAILED DESCRIPTION             | Half Bridge (3) Driver AC Motors Power MOSFET 40-DIP LF2971                     |
| CURRENT - PEAK OUTPUT            | 3.75A                                                                           |
| CURRENT - OUTPUT / CHANNEL       | 2.5A                                                                            |
| APPLICATIONS                     | AC Motors                                                                       |

Related Tags

|                                    |                                    |                                        |
|------------------------------------|------------------------------------|----------------------------------------|
| Sanken Electric Co., Ltd. SIM6812M | SIM6812M Distributor               | SIM6812M Supplier                      |
| SIM6812M Price                     | SIM6812M Pictures                  | SIM6812M Image                         |
| SIM6812M PDF Datasheet             | SIM6812M Download Datasheet        | SIM6812M Datasheet                     |
| SIM6812M Stock                     | Buy SIM6812M                       | Buy Sanken Electric Co., Ltd. SIM6812M |
| Sanken Electric Co., Ltd. SIM6812M | Sanken Electric Co., Ltd. Supplier | Sanken Electric Co., Ltd. Distributor  |
| Sanken Electric Co., Ltd. SIM6812M | Sanken SIM6812M                    | Sanken electric SIM6812M               |
| Sanken Electric Co., Ltd. SIM6812M |                                    |                                        |

Related Products

|                                                                                                                                                                                                                                                                        |                                                                                                                                                                                                                                                                         |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <div></div> <div><b>SIM535-A03-R22ALL-05</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP TF<br/>In stock: 6556 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SIM543-A01-C45ALM-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP MV<br/>In stock: 243 pcs<br/><div>RFQ</div></div>  |
| <div></div> <div><b>SIM535-A03-R55ALL-05</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP TF<br/>In stock: 2762 pcs<br/><div>RFQ</div></div> | <div></div> <div><b>SIM535-A03-R55ALL-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP TF<br/>In stock: 4008 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SIM6813M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: 10427 pcs<br/><div>RFQ</div></div>           | <div></div> <div><b>SIM543-A03-C45ALM-01</b><br/>Manufacturers: Serious Integrated<br/>Description: LCD MODULE 7.0" 800X480X24BPP MV<br/>In stock: 4330 pcs<br/><div>RFQ</div></div> |
| <div></div> <div><b>SIMB-M01-1VGS8A1E</b><br/>Manufacturers: Advantech<br/>Description: CIRCUIT MODULE D525 + NM10 MINI<br/>In stock: 472 pcs<br/><div>RFQ</div></div>               | <div></div> <div><b>SIM6827M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: 8644 pcs<br/><div>RFQ</div></div>            |
| <div></div> <div><b>SIM543-A01-DEV-01</b><br/>Manufacturers: Serious Integrated<br/>Description: DEV KIT W/SIM543-A01-C45ALM-01<br/>In stock: 232 pcs<br/><div>RFQ</div></div>       | <div></div> <div><b>SIMB-M02-D2500A1E</b><br/>Manufacturers: Advantech<br/>Description: CIRCUIT MODULE INTEL ATOM CEDAR<br/>In stock: 493 pcs<br/><div>RFQ</div></div>               |
| <div></div> <div><b>SIM6822M</b><br/>Manufacturers: Sanken Electric Co., Ltd.<br/>Description: IC BRIDGE DRIVER PAR 40DIP<br/>In stock: 8141 pcs<br/><div>RFQ</div></div>            | <div></div> <div><b>SIMB-A21-8VG00A1E</b><br/>Manufacturers: Advantech<br/>Description: LAG1155 INTEL CORE I7/I5/I3 CEL<br/>In stock: 469 pcs<br/><div>RFQ</div></div>               |