

SIM6812M



Part Number: [SIM6812M](#)

Manufacturer: [Sanken Electric Co., Ltd.](#)

Description: IC BRIDGE DRIVER PAR 40DIP

Data sheet:  [General Catalog](#)
 [SIM681xM Series](#)

RoHs Status: Lead free / RoHS Compliant

Ship From: Hong Kong

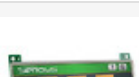
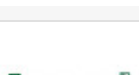
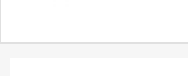
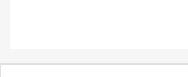
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PRODUCT PARAMETER			
Part Number	SIM6812M	Manufacturer	Sanken Electric Co., Ltd.
Description	IC BRIDGE DRIVER PAR 40DIP	Lead Free Status / RoHS Status	Lead free / RoHS Compliant
Quantity Available	16709 pcs	Data sheet	General Catalog SIM681xM Series
Category	Integrated Circuits (ICs)	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)
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	3.75A
Current - Output / Channel	2.5A	Applications	AC Motors

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RELATED PRODUCTS			
	Part#: SIMB-M01-1VGS8A1E Description: CIRCUIT MODULE D525 + NM10 MINI	Manufacturers: Advantech	RFQ
	Part#: SIM6827M Description: IC BRIDGE DRIVER PAR 40DIP	Manufacturers: Sanken Electric Co., Ltd.	RFQ
	Part#: SIMB-M02-D2500A1E Description: CIRCUIT MODULE INTEL ATOM CEDAR	Manufacturers: Advantech	RFQ
	Part#: SIM543-A01-C45ALM-01 Description: LCD MODULE 7.0" 800X480X24BPP MV	Manufacturers: Serious Integrated	RFQ
	Part#: SIM535-A03-R55ALL-01 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
	Part#: SIM535-A03-R22ALL-05 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
	Part#: SIM535-A03-R22ALL-01 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
	Part#: SIMB-A21-8VG00A1E Description: LAG1155 INTEL CORE I7/I5/I3 CEL	Manufacturers: Advantech	RFQ
	Part#: SIMB-M21-7G200A1E Description: CIRCUIT MODULE HM65 MINI-ITX V	Manufacturers: Advantech	RFQ
	Part#: SIM6813M Description: IC BRIDGE DRIVER PAR 40DIP	Manufacturers: Sanken Electric Co., Ltd.	RFQ
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	Part#: SIM535-A01-R55ALL-05 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
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	Part#: SIMB-U01-6VG00A1E Description: CIRCUIT BOARD Q45 + ICH10DO LGA	Manufacturers: Advantech	RFQ
	Part#: SIMB-M22-2G2S0A1E Description: CIRCUIT MODULE AMD T40R MINI-IT	Manufacturers: Advantech	RFQ
	Part#: SIM535-A03-R55ALL-05 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
	Part#: SIM6822M Description: IC BRIDGE DRIVER PAR 40DIP	Manufacturers: Sanken Electric Co., Ltd.	RFQ
	Part#: SIM535-A01-R22ALL-05 Description: LCD MODULE 7.0" 800X480X24BPP TF	Manufacturers: Serious Integrated	RFQ
	Part#: SIMB-M02-N2600A1E Description: CIRCUIT MODULE INTEL ATOM CEDAR	Manufacturers: Advantech	RFQ
	Part#: SIM543-A03-C45ALM-01 Description: LCD MODULE 7.0" 800X480X24BPP MV	Manufacturers: Serious Integrated	RFQ

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