
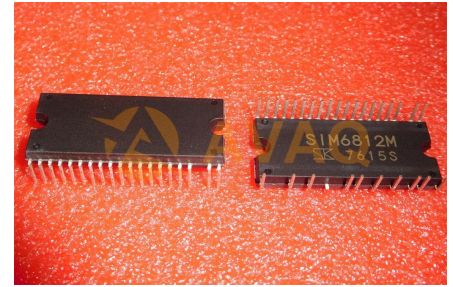


Triple Half Bridge Motor Driver 300V 30-Pin DIP Module

Manufacturer:	Sanken Electric Co., Ltd
Package/Case:	DIP
Product Type:	Driver ICs
RoHS:	RoHS Compliant/Lead free 
Lifecycle:	Active



Images are for reference only

[Inquiry](#)

General Description

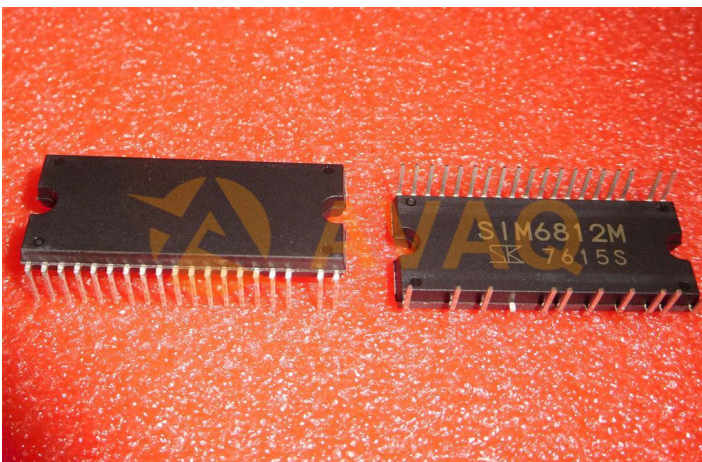
The SIM6800M/MV series are high voltage 3-phase motor drivers in which transistors, a pre-drive circuit, and bootstrap circuits (diodes and resistors) are highly integrated. These products can run on a 3-shunt current detection system and optimally control the inverter systems of low- to medium-capacity motors that require universal input standards.

Key Features

- Built-in Bootstrap Diodes with Current Limiting Resistors (60)
- CMOS-compatible Input (3.3 V or 5 V)
- Bare Lead Frame: Pb-free (RoHS compliant)
- Isolation Voltage: 1500 V (for 1 min) UL-recognized Component (File No.: E118037)
- Fault Signal Output at Protection Activation (FO Pin)
- High-side Shutdown Signal Input (SD Pin)
- Protections Include: Overcurrent Limit (OCL): Auto-restart Overcurrent Protection (OCP): Auto-restart Undervoltage Lockout for Power Supply High-side (UVLO_VB): Auto-restart Low-side (UVLO_VCC): Auto-restart Thermal Shutdown (TSD): Auto-restart

Application

- For motor drives such as:
- Refrigerator Compressor Motor
- Fan Motor and Pump Motor for Washer and Dryer
- Fan Motor for Air Conditioner, Air Purifier, and Electric Fan



Recommended For You

SIM6827M

Sanken Electric Co., Ltd
DIP

SIM6896M

Sanken Electric Co., Ltd
SOT23-6

SIM6892M

Sanken Electric Co., Ltd
DIP-40

SI-6632M

Sanken Electric Co., Ltd
BGA

SIM6813M

Sanken Electric Co., Ltd
DIP

SCMI242MF

Sanken Electric Co., Ltd
IGBT

SLA7026M

Sanken Electric Co., Ltd
ZIP18

SCMI243MF

Sanken Electric Co., Ltd
MODULE

SLA7024M

Sanken Electric Co., Ltd
ZIP

SLA7070MPRT

Sanken Electric Co., Ltd
SIP23

SX7236M

Sanken Electric Co., Ltd
SOP36

SLA6870MZ

Sanken Electric Co., Ltd
SIP

SMA6822MH

Sanken Electric Co., Ltd
ZIP24

SLA7081MPR

Sanken Electric Co., Ltd
SIP-23

SMA6862MH

Sanken Electric Co., Ltd
BGA