
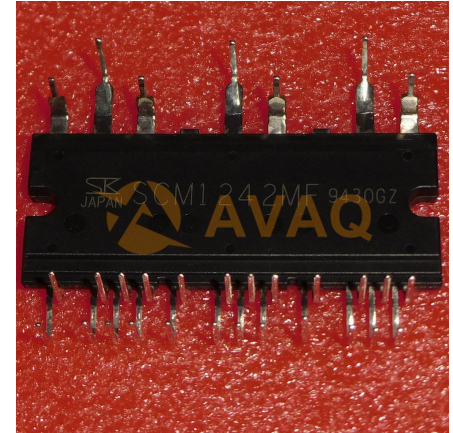


## Triple Half Bridge Motor Driver 300V 33-Pin DIP

<b>Manufacturer:</b>	<a href="#">Sanken Electric Co., Ltd</a>
<b>Package/Case:</b>	IGBT
<b>Product Type:</b>	Driver ICs
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

## General Description

The SCM1200MF series are high voltage 3-phase motor drivers in which transistors, pre-drive circuits, 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 medium-capacity motors that require universal input standards.

## Key Features

Each half-bridge circuit consists of a pre-drive circuit

In case of malfunction, all outputs shut down via three FO pins connected together

Built-in bootstrap diodes with current limiting resistors (22

CMOS compatible input (3.3 to 5 V)

Pb free

Isolation voltage: 2500 V for 1 min, UL recognized component (File No.: E118037)

Fault signal output at protection activation

Protections include: Undervoltage Lockout for power supply -High-side (UVLO\_VB): Auto-restart  
 restart Overcurrent Protection (OCP): Auto-restart Simultaneous On-state Prevention: Auto-restart

-Low-side (UVLO\_VCC): Auto-  
 Thermal Shutdown (TSD): Auto-

## Application

For motor drives such as:

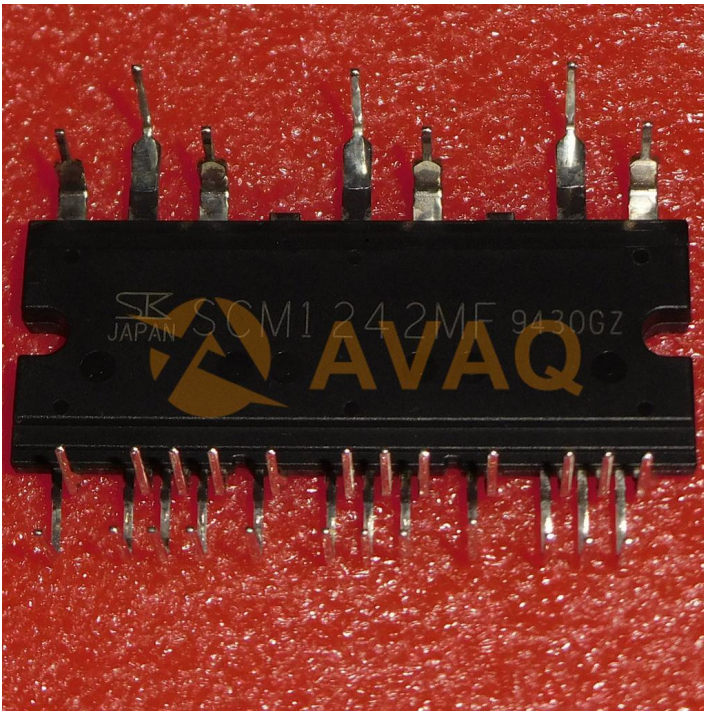
Refrigerator compressor motor

Air conditioner compressor motor

Washing machine main motor

Fan motor

Pump motor



## Recommended For You

---

### SCM1243MF

Sanken Electric Co., Ltd  
MODULE

### SCM1276MF

Sanken Electric Co., Ltd  
MODULE

### SCM1274MF

Sanken Electric Co., Ltd  
MODULE

### SIM6812M

Sanken Electric Co., Ltd  
DIP

### SLA7026M

Sanken Electric Co., Ltd  
ZIP18

### SLA7024M

Sanken Electric Co., Ltd  
ZIP

### SLA7070MPRT

Sanken Electric Co., Ltd  
SIP23

### SIM6827M

Sanken Electric Co., Ltd  
DIP

### SIM6896M

Sanken Electric Co., Ltd  
SOT23-6

### SX7236M

Sanken Electric Co., Ltd  
SOP36

### SIM6892M

Sanken Electric Co., Ltd  
DIP-40

### 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