

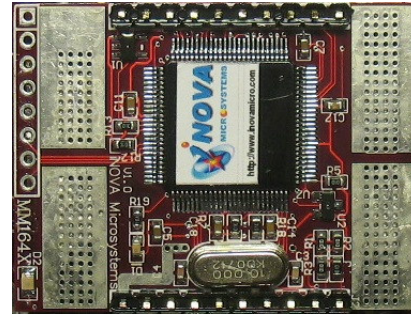


# MM164X

## Dual DC Motor Motion Control Module

### Key Features

- **Two** DC motor speed/position control channels
- Dual MOSFET H-Bridge Drivers with Max Current of 20A(pulse)/5A(DC) per channel.
- **Over-current** protection
- **2 UART** Serial ports.
- **AT** command set for easy control.
- **40Mhz** 16-bit motion control processor
- **Compact** size of 43mmX33mm



### Descriptions and Applications

MM164X is a high-quality compact dual DC motor motion controller designed for DC brushed motor control. It has on-board dual H-bridge drivers.

MM164X can be controlled using the easy-to-use AT command set.

Typical applications of MM164X include DC servo motor control, equipment building, robot building, etc.

### Technical Specification

Item	Specification
Power Supply Voltage	Digital 5V, Motor 10-30V
Processor Speed	40MHz
DC motor PWM frequency	40Khz
DC Motor DC current	Max DC Current = 5Amp/Channel
DC Motor Pulse current	Max Pulse Current = 20Amp/Channel

### Order Information

Our Part No.	Description	Price	Farnell Order Code
MM164X	Dual DC Motor Motion Control Module	SGD300/pc	1287352
<b>Manufacturer:</b> iNOVA Microsystems Pte Ltd #02-06, AMK Tech II Blk 5, AMK Industrial Park 2A Singapore 567760 Tel: (65)64841007 Fax: (65)62344235 Email: sales@inovamicro.com		<b>Authorized Sole Distributor:</b> Singapore: Farnell Components Pte Ltd Malaysia: Farnell Components Pte Ltd Thailand: Farnell Components Pte Ltd Worldwide: iNOVA Microsystems Pte Ltd	