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**Spec No:** 002-04949

**Spec Title:** MB95330 MB2146-440-E quick start guide

**Replaced by:** NONE



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# QUICK START GUIDE

## Product Deliverable

Before using the product, please make sure that the package contains the following items:

- |                                     |   |
|-------------------------------------|---|
| ■ EV-board                          | 1 |
| ■ Motor                             | 1 |
| ■ CD-ROM (English version)          | 1 |
| ■ Quick Start Guide (this document) | 1 |

## Quick Start Process

- Install the motor on the EV-board, and connect the motor connector and the hall sensor connector.
- Connect power supply (DC 15V,  $I \geq 2A$ ) to power connector (DC 15V), power on and confirm power LED (D5) on the EV-board is on.
- Confirm the switchers (U5) on EV-board are set as sensor less.
- Press the start/stop key, confirm the LED1 (D8) on the EV-board is on and the motor is running smooth.
- Tuning the potentiometer (R59) on the EV-board can adjust the motor speed (1000-7000RPM).

## Related Manuals

You should refer to the following manuals as well:

- MB2146-440-E Motor EV-board User Manual
- MB2146-440-E motor EV-board Library Usage
- "HARDWARE MANUAL" for each type of microcontroller
- "DATA SHEET" for each type of microcontroller
- "SOFTUNE Workbench OPERATION MANUAL"
- "SOFTUNE Workbench USER'S MANUAL"
- "SOFTUNE Workbench COMMAND REFERENCE MANUAL"