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Spec No: 002-04949

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

Replaced by: NONE

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For More Information
Please contact your local sales office for additional information about Cypress products and solutions.

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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>=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”

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