

SAME70 Motor Control Plug-In Module
(Part # MA320203)

ATSAME70 Motor Control Plug In Module



Part Number: MA320203

Summary:

This plug-in module comes with a ATSAME70 32-Bit ARM Cortex M7 MCU device. It can be used with the Microchip MCHV-3 [DM330023-3] and MCLV-2 [DM330021-2].

[MCLV-2 Low Voltage BLDC Kit - DM330021-2](#)


[MCHV-3 High Voltage](#)

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 Documents and Software

 Overview

 Features

 Additional Resources



Documents and Software

Contains

> Documents

ATSAME70 100-Pin Motor Control Plug-In Module
6/28/2018
314KB

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Volume V MPLAB Harmony Framework Reference Part I
6/22/2018
20MB

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Volume I Getting Started With MPLAB Harmony
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243MB

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PFC Sensorless FOC PLL Estimator MCHV
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Sensorless FOC PLL Estimator MCLV
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Motor Control application Demos in Harmony
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812KB

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> AppNotes

AN2520 - Sensorless PFC for a PMS Motor Using a PLL Estimator and Flux Weakening - Sensorless Field Oriented Control (FOC) for a Permanent Magnet Synchronous Motor (PMSM) Using a PLL Estimator and Equation-based Flux Weakening (FW) Application Note
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Integrated Power Factor Correction (PFC) and Sensorless - Integrated Power Factor Correction (PFC) and Sensorless Field Oriented Control (FOC) System for Microchip 32-bit Microcontrollers Application Note
11/17/2017
423KB

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AN1292 - Sensorless Field Oriented Control (FOC) for a Permanent Magnet Synchronous Motor (PMSM) Using a PLL Estimator and Field Weakening (FW)
6/30/2011
440KB

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AN1292 Tuning Guide



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