



ATSAME70 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**

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Documents and Software

Contains 

 Search term

› Documents

ATSAME70 100-Pin Motor Control Plug-In Module

6/28/2018

314KB



Volume V MPLAB Harmony Framework Reference Part I

6/22/2018

20MB



Volume I Getting Started With MPLAB Harmony

6/22/2018

243MB



PFC Sensorless FOC PLL Estimator MCHV

2/5/2018

6MB



Sensorless FOC PLL Estimator MCLV

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Motor Control application Demos in Harmony

1/30/2018

812KB



› 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

2/5/2018

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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



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



AN1292 Tuning Guide



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