



SAM E54 MC Card
(Part # AC320208)



ATSAME54 Motor Control MCU Card



Part Number: AC320208

Summary:

The ATSAME54MOTOR is an MCU card for Motor control starter kit - ATSAMxxxBDLCxxx-STK. The hardware has the SMART ARM based MCU, ATSAME54, with integrated on-board debug support. The MCU card can be directly used with the

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Documents and Software



Overview

Features

Additional Resources

Related Tools

Product Features

- Debug support using on-board Atmel EDBG device
- TCC PWM signals for three-phase half-bridge drive
- ADC channels for common shunt and individual shunt phase current sensing
- ADC channels for motor BEMF sensing
- AC channels for BEMF signals
- EXTINT hall sensor interface
- EXTINT encoder sensor interface
- Atmel Xplained PRO extension signals support
- Communication and Power status LEDs

