



SAM E51 Curiosity Nano Evaluation Kit



Part Number: EV76S68A

Summary:

The SAM E51 Curiosity Nano Evaluation Kit is a hardware platform to evaluate the SAME51J20A microcontroller (MCU). It is supported by the MPLAB® X Integrated Development Environment (IDE) and MPLAB Harmony v3 software development framework. The evaluation kit provides easy access to the features of the SAM E51 MCU to integrate the device into a custom design. Because the evaluation kit

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Documents and Software

Contains 

 Search term

Documents

SAM E51 Curiosity Nano Evaluation Kit User Guide	8/20/2020	1MB	
MikroElektronika Click Boards examples on SAM E51 Curiosity Nano Evaluation Kit	7/6/2021	10B	
Google Cloud IoT Core Application on SAM E51 Curiosity Nano Evaluation Kit using MPLAB Harmony v3	4/13/2021	7MB	
Low Power Application Demo on SAM E51 Curiosity Nano Evaluation Kit with OLED C click board for display using MPLAB Harmony v3 Legato Graphics	1/29/2021	10B	
SAM E51 Curiosity Nano Evaluation Kit Design Documentation	1/18/2021	10MB	
Getting Started Application Demo on SAM E51 Curiosity Nano Evaluation Kit using MPLAB Harmony v3	8/26/2020	10B	
BLE Fitness Tracker Application Demo on SAM E51 Curiosity Nano Evaluation Kit and Nano Base for Click boards using MPLAB Harmony v3	8/26/2020	10B	

Product Features

- One user LED (yellow)
- One mechanical user switch
- On-board debugger
 - Board identification in MPLAB X IDE
 - One power/status LED (green)
 - Programming and debugging
 - Virtual COM port (CDC)
 - One logic analyzer (DGI GPIO)
- USB powered
- Adjustable target voltage
 - MIC5353 LDO regulator controlled by the on-board debugger
 - 1.8-3.6v output voltage
 - 500 mA maximum output current (limited by ambient temperature and output voltage)