S3FN429_EVM Product Guide Book

EVM for Samsung S3FN429
S3FN429-EVB(Evaluation Board for S3FN429 is a platform that is suitable for code development of SAMSUNG's S3FN429 for inverter motor control within the home appliance applications.

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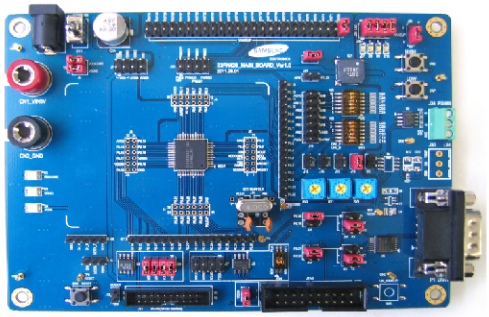
INTRODUCTION



S3FN429_EVM

- EVM for Samsung S3FN429

OVERVIEW

S3FN429-EVB(Evaluation Board for S3FN429) is a platform that is suitable for code development of SAMSUNG's S3FN429 for inverter motor control within the home appliance applications.

Feature

CPU

- S3FN429(Cortex-M0)

Memory

- Up to 32 KB Internal Program Flash Memory
- Up to 2 KB Internal SRAM
- Serial EEPROM: SSP8 (8KB 8-bit) , SSP16 (4KB 16-bit)

Communication lines

- 1 ENC: 5pin header
- 1 UART (RS-232): 9 pin D-sub
- 1 RS-485: 3pin Terminal Block
- 1 IMC header
- 1 ADC header
- 1 OP-AMP header
- GPIO header

Function blocks interfaces

- 1 PWM-Buzzer
- 7 LED (Power (3), Port signal (4))
- 4 Switch (Power, RESET, Wakeup)

Power Supply

- DC power connector (5V)

Clocks

- Main clock: 1~12Mhz (4Mhz recommended)

Debugging Method

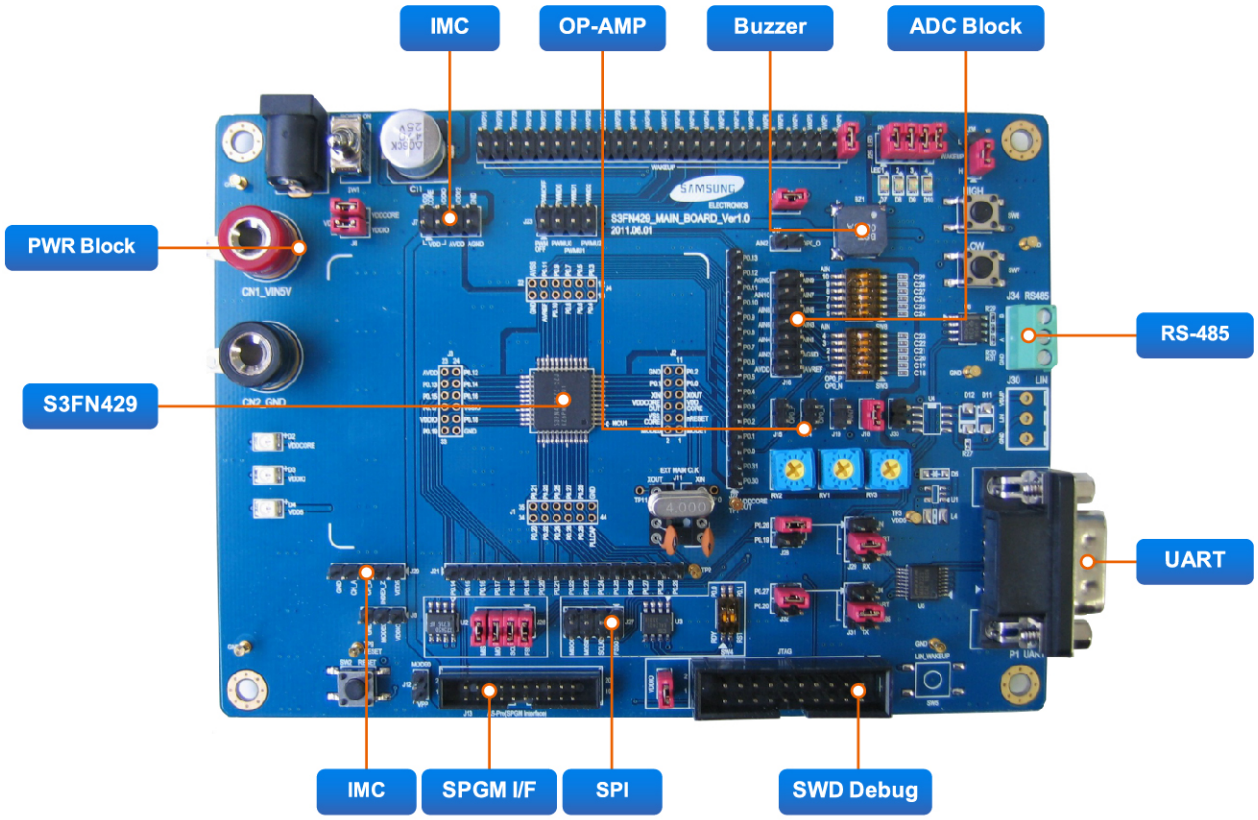
- A standard 20-pin JTAG interface connector (SWD only)

ISP (on board write)

- 20-pin connector

SPECIFICATION

Diagram



PACKAGE

CPU Board

Parts	Description	Num.
Main Board	S3FN429 EVM	1
Power Adaptor	5V DC / 2A	1

Accessary



Power Adapter

PURCHASE

sales@yicsystem.com

A/S information

Warranty Period

Emulator / Board

- Emulator : 12 Months
- Board : 6 Months
- Within in the warranty period : Free of charge
- Later than the warranty period : provide a quotation for the repair cost

YIC System shall not be liable in respect of defects in the product arising from (a) Customer error or neglect in its use or storage of the product (b) Any modification of the product made by anyone other than YIC System (c) The use of the product is combination with other equipment, software or technology not purchased or licensed from YIC System, provided that such defects would not have occurred but for such combination, modification or enhancement.

Accordingly, if upon customer's return of faulty product, it is clear that the fault has arisen out of one or more of the above set of circumstances, then YIC System reserves the rights to change the full price of any replacement unit.

A/S Procedure

Before returning the product to YIC System, the customer should contact the YIC System and provide information as below.

a) A fault description
b) The product serial number

A/S information

If you have any inquiries during using our product,
please contact us by e-mail or telephone.

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