S3FN41F_EVM Product Guide Book

S3FN41F_EVM is an evaluation board
for Samsung S3FN41F

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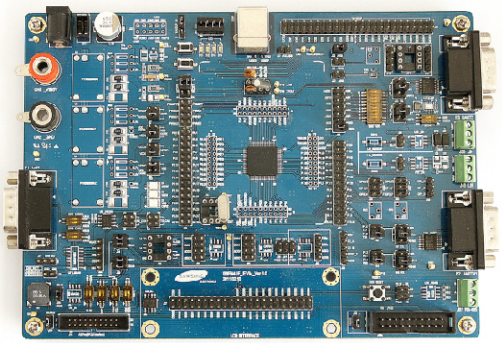
YIC SYSTEM

INTRODUCTION



S3FN41F_EVM

- S3FN41F_EVM is an evaluation board for Samsung S3FN41F.

OVERVIEW

S3FN41F-EVB(Evaluation Board for S3FN41F) is a platform that is suitable for code development of SAMSUNG's S3FN41F for inverter motor control within the home appliance applications.

SPECIFICATION

Feature

CPU
- S3FN41F(Cortex-M0)

Memory
- Built-in up to 256 Kbytes Program Flash Memory
- Internal up to 32 Kbytes SRAM

Communication lines
- 2 CAN (IOS 11898): 9 pin D-sub (male)
- 1 ENC: 5pin header
- 2 UART (RS-232): 9 pin D-sub
- 2 LIN (ISO 9141): 3 pin Terminal Block (CCP3.5)
- 1 RS-485: 3pin Terminal Block (CCP3.5)
- 1 USB connector
- 2 I2C header
- 3 SPI header
- 1 IMC header (4x2)
- 1 ADC header

Function blocks interfaces
- 1 PWM-Buzzer
- 7 LED (Power(3), Port signal(4))
- 2 Switch (Power, RESET)
- Jumper & Header pin (each Blocks)

Power Supply
- DC power connector (5V)

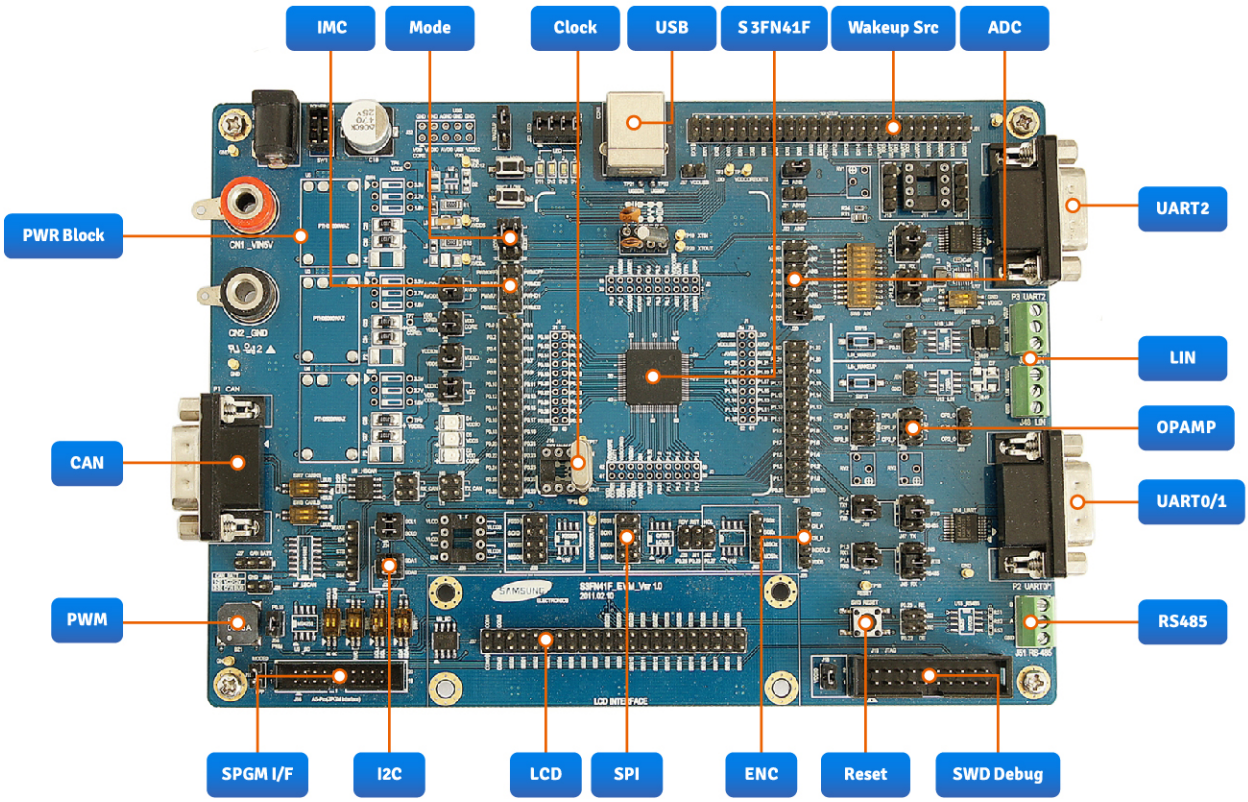
Clocks
- Main clock: 1~20Mhz(8Mhz recommended)
- Sub clock: 32.768Khz

Debugging Method
- A standard 20-pin JTAG interface connector(SWD)

ISP(on board write)
- 20-pin connector

Display
- Enable 4com/32seg LCD (22 x 2 2.54mm header)

Diagram



PACKAGE

Parts	Description	Num.
Main Board	S3FN41F EVM	1
Power Adaptor	5V DC / 2A	1

Accessory



Power Adaptor

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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