S3FN60D_EVM Product Guide Book

S3FN60D_EVM is an evaluation board
for Samsung S3FN60D

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YIC SYSTEM

INTRODUCTION



S3FN60D_EVM

- S3FN60D_EVM is an evaluation board for Samsung S3FN60D.

OVERVIEW

S3FN60D-EVB(Evaluation Board for S3FN60D) is a platform that is suitable for code development of SAMSUNG's S3FN60D for USB remote controller and general purpose application.

S3FN60D-EVB consists of S3FN60D of Cortex-M0, adjustable voltage regulator block for power generator, serial ports for console UART block, SPI interface block, I2C interface block, USB 2.0 Full speed device interface, IR LEDs, AA battery holder, 4x4 Key matrix, status LEDs for PIO and JTAG interface block, etc.

SPECIFICATION

Feature

CPU
- S3FN60D (Cortex-M0)

Memory
- Built-in up to 128 Kbytes Flash Memory
- Internal up to 8 Kbytes SRAM

Serial communication lines
- 1 UART (RS-232) connector
- 1 USB
- IR
- 2 SPI header : serial EEPROM (4K x 16bit)
- 1 I2C header: serial EEPROM (1KB)

Function blocks interfaces
- 1 Buzzer
- 6 LED (Power(2), Port signal(4))
- 6 Switch (Power, RESET, Wake up(4)
- Jumper & Header pin (each Blocks)

Power Supply
- DC power connector (7 to 12V)
- Battery

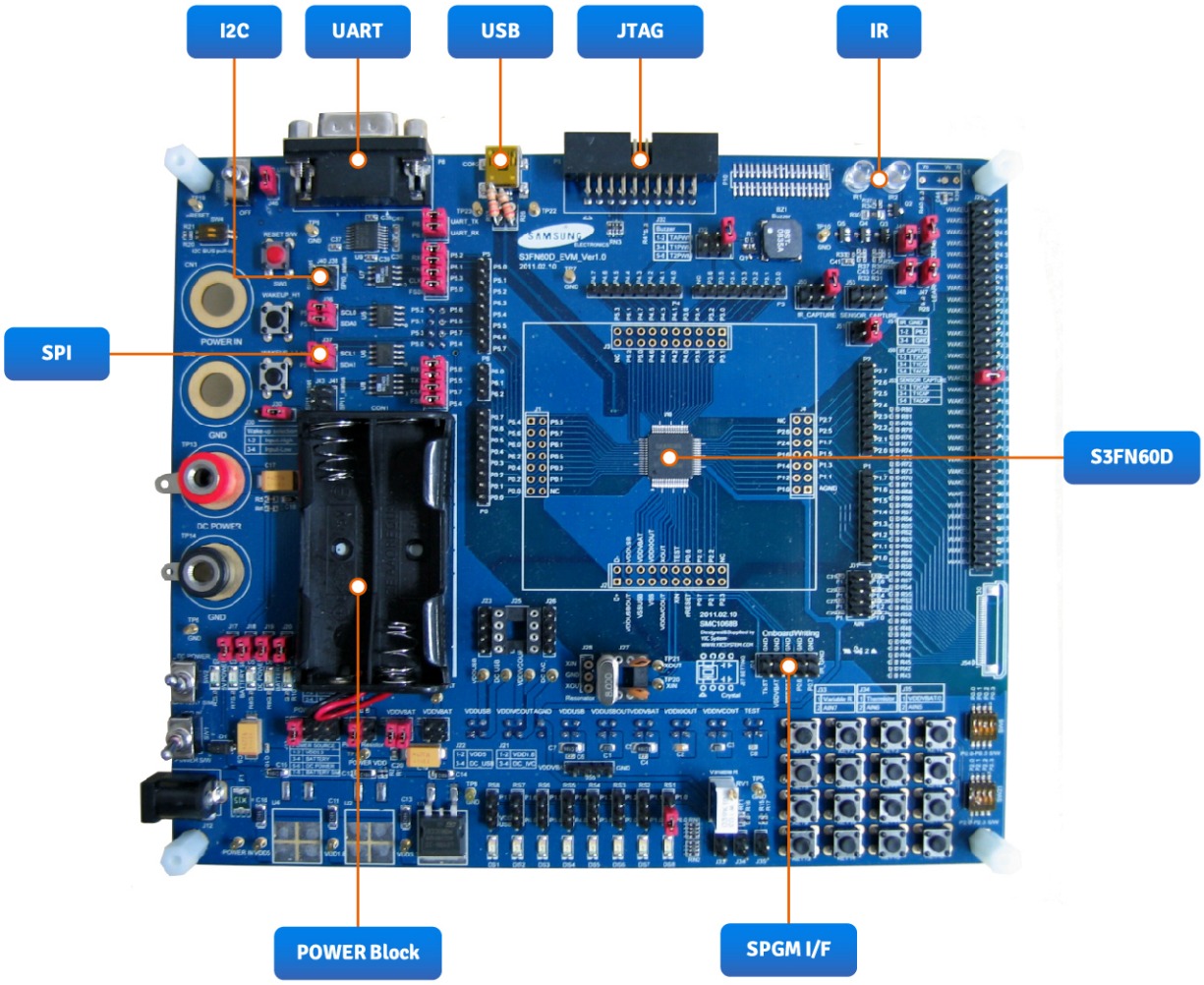
Clocks
- 1~20MHz (External main clock)

ISP(on board write)
- 20-pin connector

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

Key Matrix
- 4 x 4

Diagram



PACKAGE

Parts	Description	Num.
Main Board	S3FN60D EVM	1
Power Adaptor	5V DC / 2A	1

Accessary (Option)



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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