

Smart210 (Tiny210v2) | S5PV210 ARM Cortex-A8 Board

FriendlyARM Smart 210 Stamp Module with 1 GHz Samsung S5PV210 ARM Cortex-A8 processor.

Specification: Stamp Module

Dimension: 74 x 55 mm

CPU: 1 GHz Samsung S5PV210 with PowerVR SGX540 graphics engine

RAM: 512 MB, 32 bit Bus

Flash: up to 1GB NAND Flash

Ethernet: 10/100M (DM9000)

Audio: WM8960 codec

Serial, SPI, I2C, I2S, SD/MMC, USB, LCD, Camera Interface

Analog Input and Output

User Outputs: 4x LEDs

Expansion headers (2.0 mm)

Power: 2-6V

OS Support

Windows CE 6

Linux

Android

Specification: SDK-Board

Dimension: 180 x 130 mm

EEPROM: 256 Byte (I2C)

Ext. Memory: SD-Card socket

Serial Ports: DB9 connector (RS232), total: 4x serial port connectors)

USB: USB-A Host 1.1, miniUSB Slave/OTG 2.0

mini PCIe

SIM Card

Audio Output: 3.5 mm stereo jack, connector for a speaker (Class D Amp)

Audio Input: 3.5mm jack + Condenser microphone

Ethernet: RJ-45 10/100M (DM9000)

RTC: Real Time Clock with battery

Beeper: PWM buzzer

Camera: 20 pin (2.0 mm) Camera interface

TV Input: AV In

Monitor: HDMI

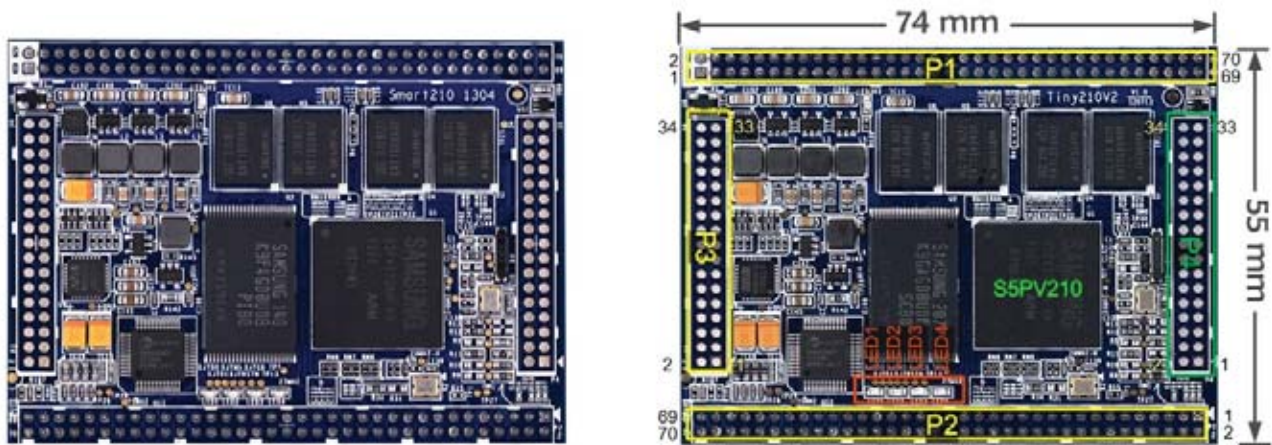
LCD: 40 pin FFC, 40 pin FFC and 45 pin FFC connector

User Inputs: 8x buttons and 1x A/D pot

Expansion: (2.0 mm)

Power: regulated 5V

Stamp Module



SDK-Board

