STM32F4 Core407V Module

STM32F407VET6

Core407V is a small STM32 development board that features an STM32F407VET6 device as the microcontroller, supports further expansion. It is ideal for starting application development
with STM32F family
Important Product Features:
Onboard: SD card slot
RTC Battery: CR1220
Wireless Communication: NRF2401 Interface
Data storage: W25Q16
Support FMSC LCD Interface
Multi-user keys
All the CPU-10 lead
2.54mm integer multiples spacing pin
STM32F407VET6: the high performance STM32 MCU which features:
Core: Cortex-M4 32-bit RISC
Feature: a full set of single-cycle DSP instructions
Operating Frequency: 168MHz, 210 DMIPS/1.25 DMIPS/MHz
Operating Voltage: 1.8V-3.6V
Package: LQFP100
Storage Resources: 512kB Flash, 192+4kB SRAM
Resource: 3 x SPI,3 x USART, 2 x UART, 2 x I2S, 3 x I2C; 1 x FSMC,1 x SDIO,2 x CAN; 1 x USB 2.0 FS/HS Controler(with DMA); 1 x USB HS ULPI; (used for external USB HS PHY)1 x 10/100 Ethernet MAC;1 x 8 to 12-bit parallel camera interface; 3 x AD(12 bit,1us),2 x DA(12 bit)
Package Included:
1 x STM32F407VET6 Board
10 x Dupont Cable
1 x Mini USB Cable