# Spartan-3AN Starter Kit

* **Xilinx Devices**
  + Spartan-3AN (XC3S700AN-FG484)
  + Platform Flash (XCF04S-VOG20C)
* **Clocks**
  + 50 MHz crystal oscillator on-board
  + Open slot for optional user-installed clock
* **Memory**
  + 4 Mbit Platform Flash PROM
  + 32M x 16 DDR2 SDRAM
  + 32 Mbit parallel Flash
  + 2-16 Mbit SPI Flash devices
* **Analog Interface Devices**
  + 4-channel D/A converter
  + 2-channel A/D converter
  + Signal amplifier
* **Connectors and Interfaces**
  + Ethernet 10/100 PHY
  + JTAG USB download port
  + Two 9-pin RS-232 serial port
  + PS/2-style mouse/keyboard port
  + 15-pin VGA connector capable of 4,096 colors
  + One FX2 100-pin and two 6-pin expansion connectors
  + 20 user I/O available on standard header pins
  + Stereo mini-jack for PWM audio
  + Rotary/push button function switch
  + Eight individual LED outputs
  + Four slider switches, four push-button switches.
* **Display**
  + 16 character, 2-Line LCD

