





The Digilent Spartan-3 Starter Board

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**Custom Project Ideas** 

Video game (e.g., Pac-Man)

Digital picture frame

Serial port monitor

Serial terminal

Simple video effects processor

Very fancy digital clock (w/ video)

Broadly: C + VHDL + peripheral(s)

## I/O Resources

The Digilent board is simple:

- 8-color VGA display
- RS-232 serial port
- PS/2 port
- IMB SRAM
- Switches and LEDs

Interesting projects will include video and the keyboard and/or serial port.