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**Title:** FPGA-CFG.SchDoc

**Number:** TE0712

**Rev.:** 02

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**Filename:** FPGA-CFG.SchDoc

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**Diagram Description:**

The diagram shows a schematic for a digital circuit. Key components include:
- **Xilinx FPGA:** XC7A200T-2FBG484I
- **PIC1401, PIC1402:** PIC1401, PIC1402
- **PIC2201, PIC2202:** PIC2201, PIC2202
- **PIC2301, PIC2302:** PIC2301, PIC2302

**Pin Connections:**
- **PROG_B, INIT, DONE**
- **SPI-SCK, SPI-DQ0, SPI-DQ1, SPI-DQ2, SPI-DQ3**
- **JTAG:** TCK, TMS, TDI, TDO
- **Power Supplies:** 3.3V, AVCC, GND

**Bootstrap Mode:**
- **SPI-SCK, SPI-CS, SPI-DQ0, SPI-DQ1, SPI-DQ2, SPI-DQ3**

**Additional Components:**
- **Resistors:** 4.7% R3, 4K87 R7, R8, R9
- **Capacitors:** 470nF C14, C22, C23

**Notes:**
- **DONE** signal is actively pulled high.
- **PROG_B** signal is actively pulled low.

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