



JTAG



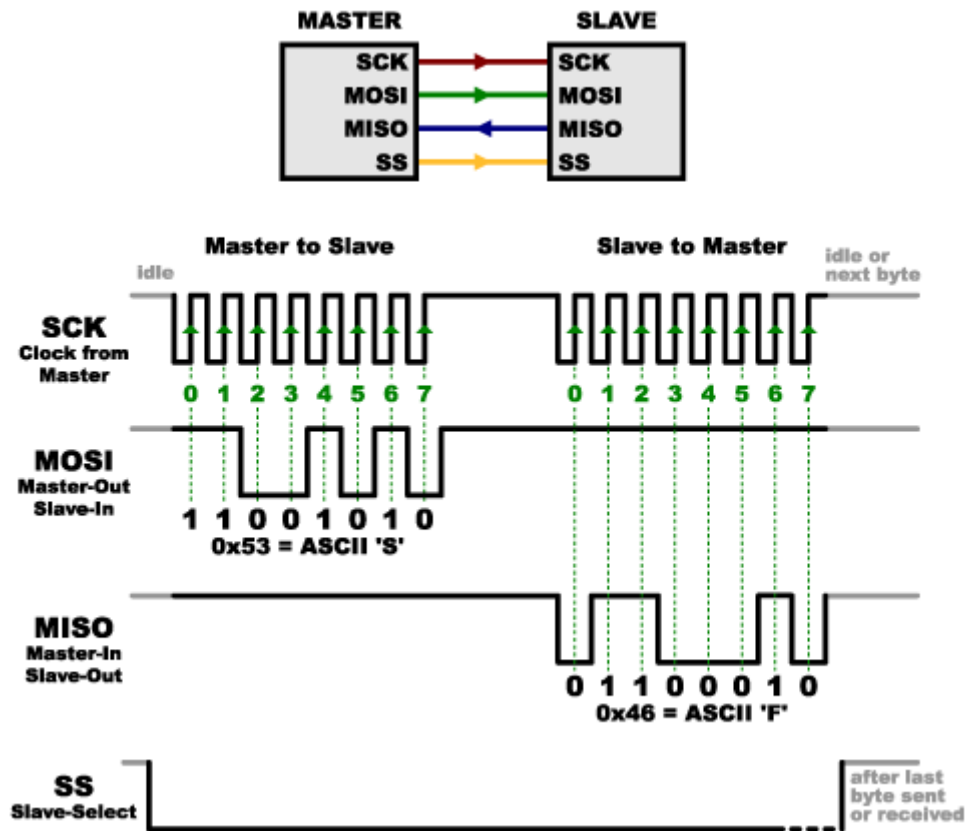
Joshua Tree Art Gallery

JTAG protocol

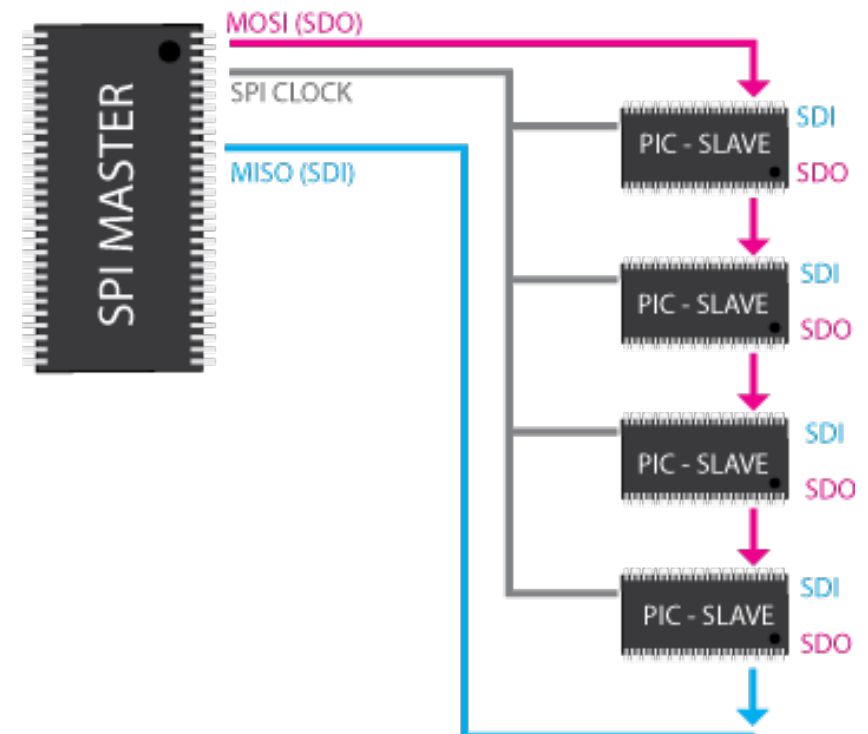
- *“It's I2C for testing”*
- Popular transport layer for boundary-scan, debugging, etc
- ...but not limited to this.

SPI

Signalling:

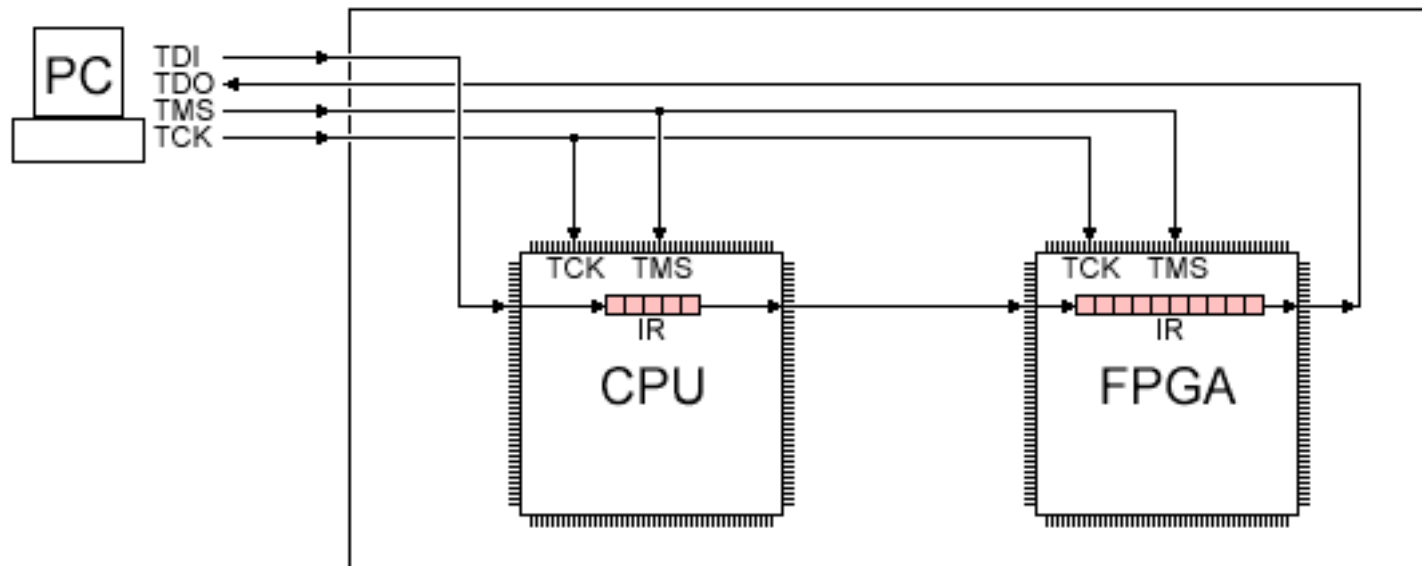


Daisy chaining:



JTAG: a *reconfigurable* daisy chain.

- One or more slave systems in the scan chain
- Each slave has multiple register options
 - Instruction register (*fixed bit-length*)
 - Data register (*variable bit-length*)
 - Bypass (*1-bit*) register
 - (and more)



JTAG: the TMS signal

