

# SPI

Serial Peripheral Interface

- A synchronous full duplex serial communication
- Always one master, mostly Arduino/RPi/PC
- Number of slave depends on number of 'SS' pins on Master
- 4 wire communication. MISO, MOSI, SCK, SS(active low)



**ADC, touchscreens,  
memory cards, cameras,  
sensors etc**



High throughput,  
flexible bit rate

Low power, less  
complex

More pins, only one  
master

Short distance