



SPI	Standard Arduino	MEGA
SCLK (clock)	13	52
MISO (data out)	12	50
MOSI (data in)	11	51
SS (slave select)	10	53

every digital pin can be a SS-pin for one external device

Voltage Regulator 3.3V with two elkos 47müF,25V, minus at voltage regulator center pin, elkos needed for proper function of VR

MCP 3208 - Analog-to-Digital SPI interface
12 bit resolution
8 analog channels in

2 elkos 1000müF, 25V for smoothing purpose

Attopilot 50V/90A
Pins left to right:
I - V - GND
translates 50V to 3.3V

