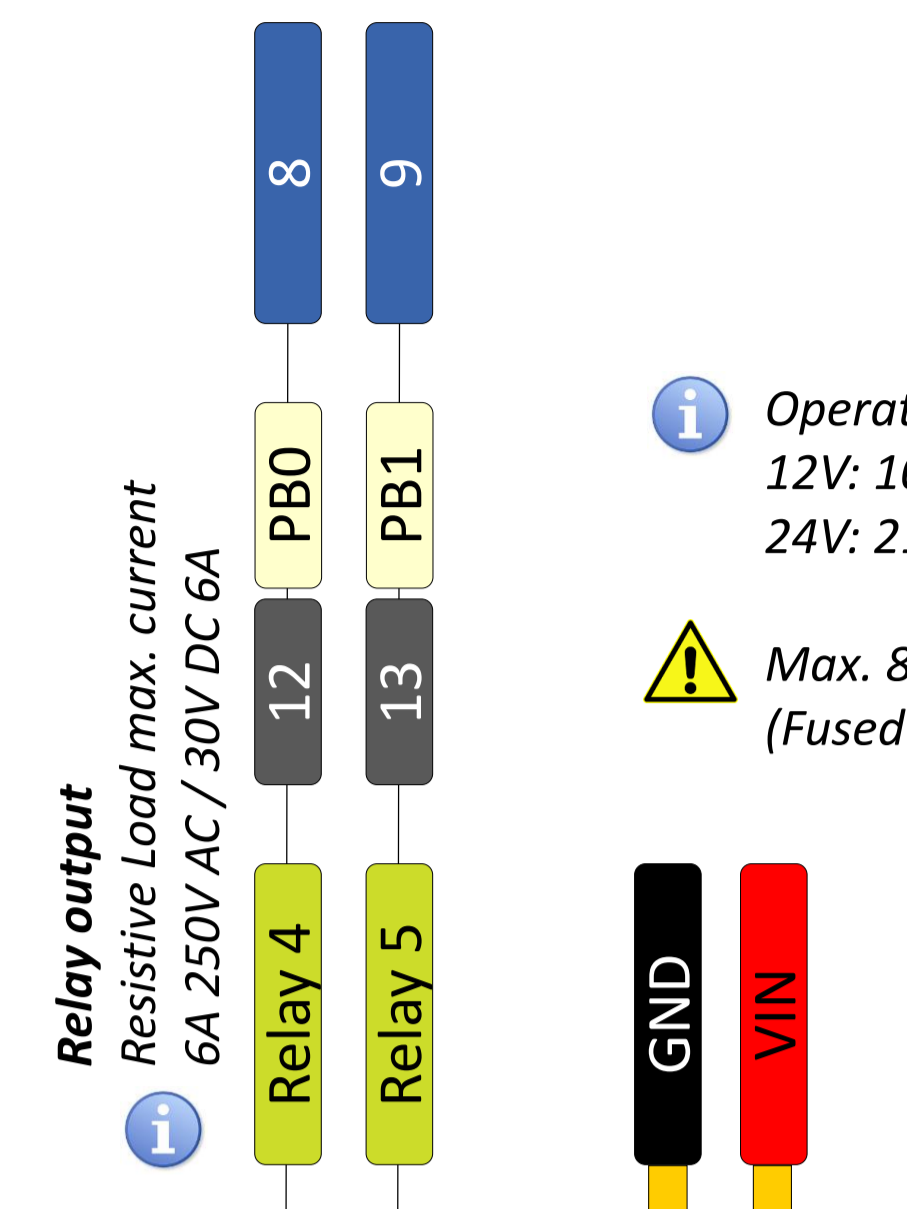
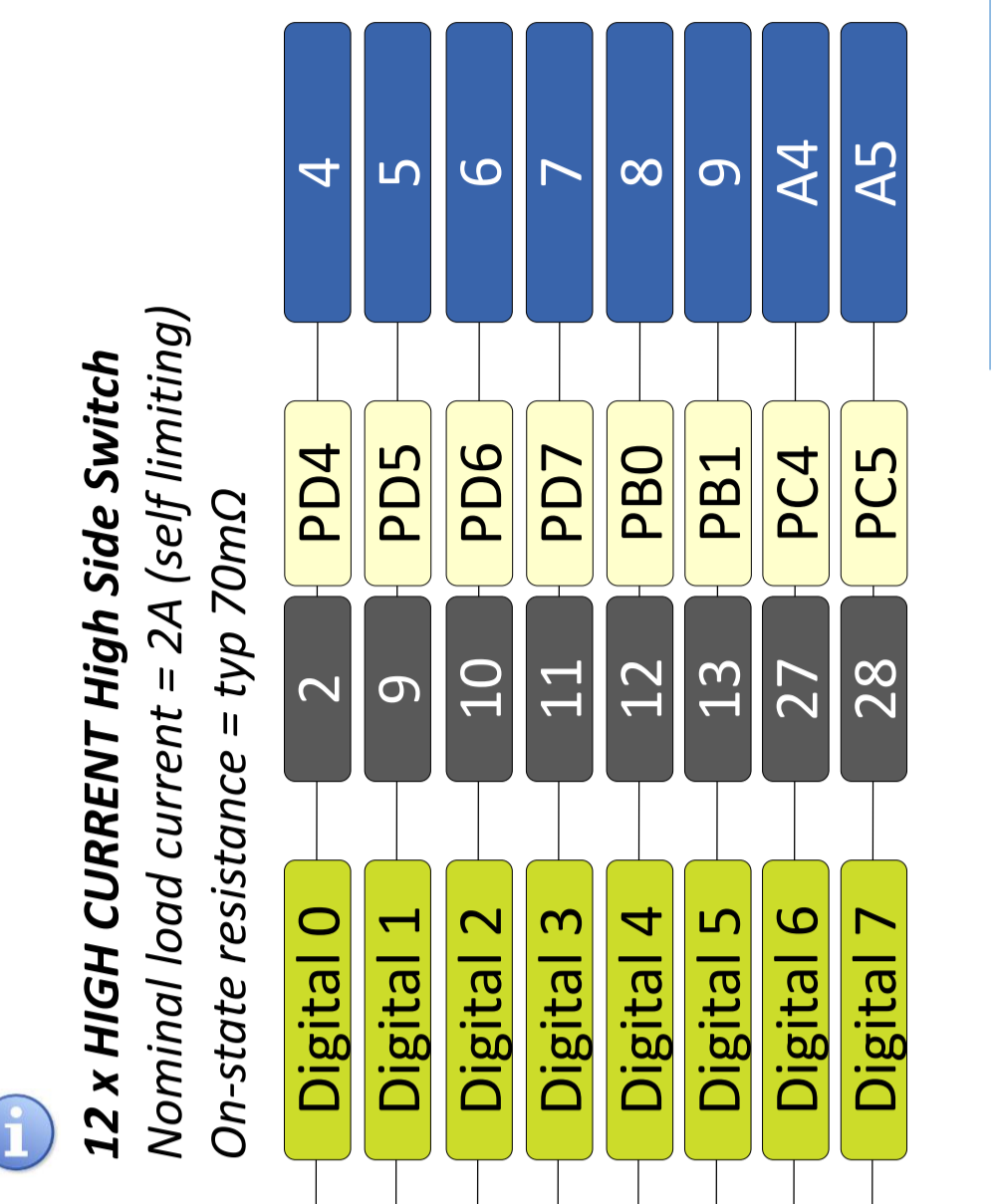
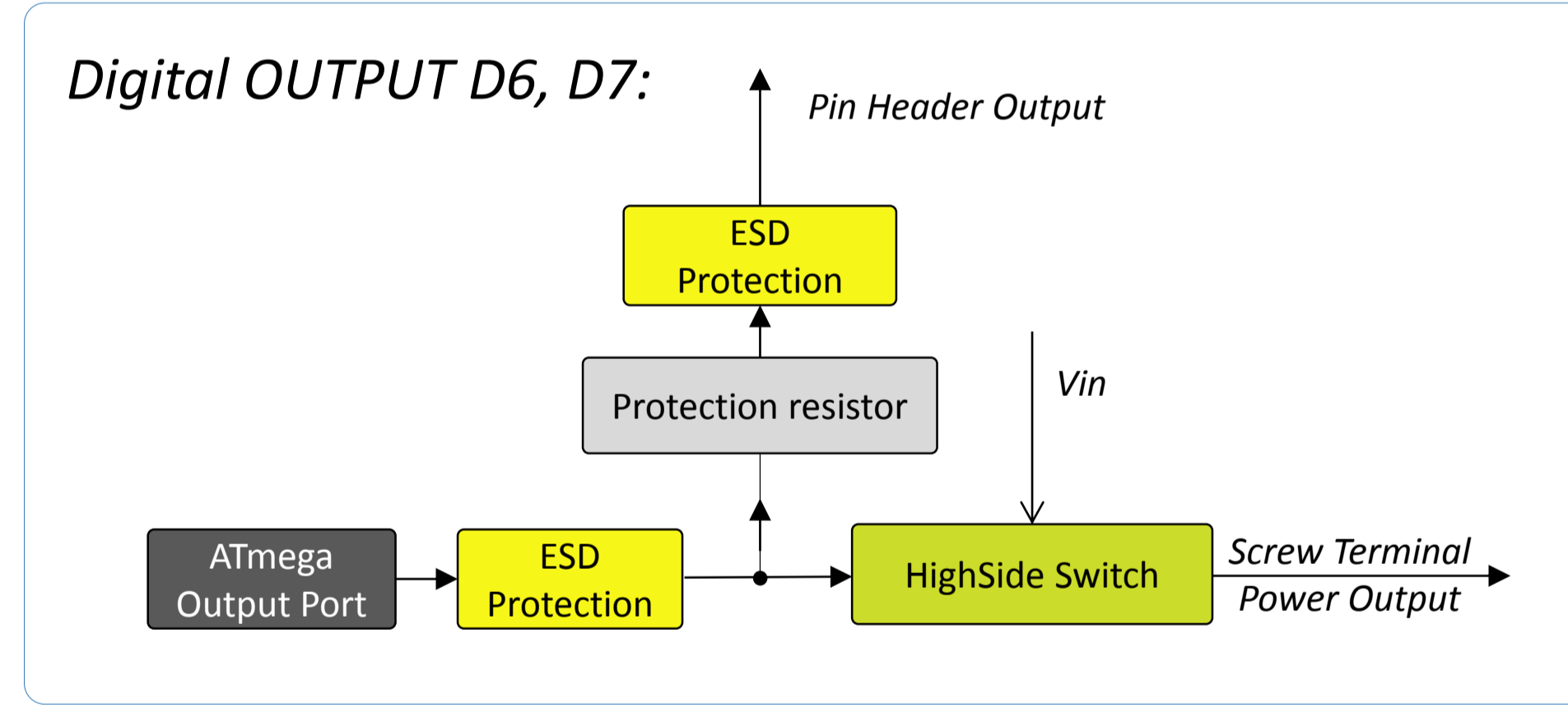
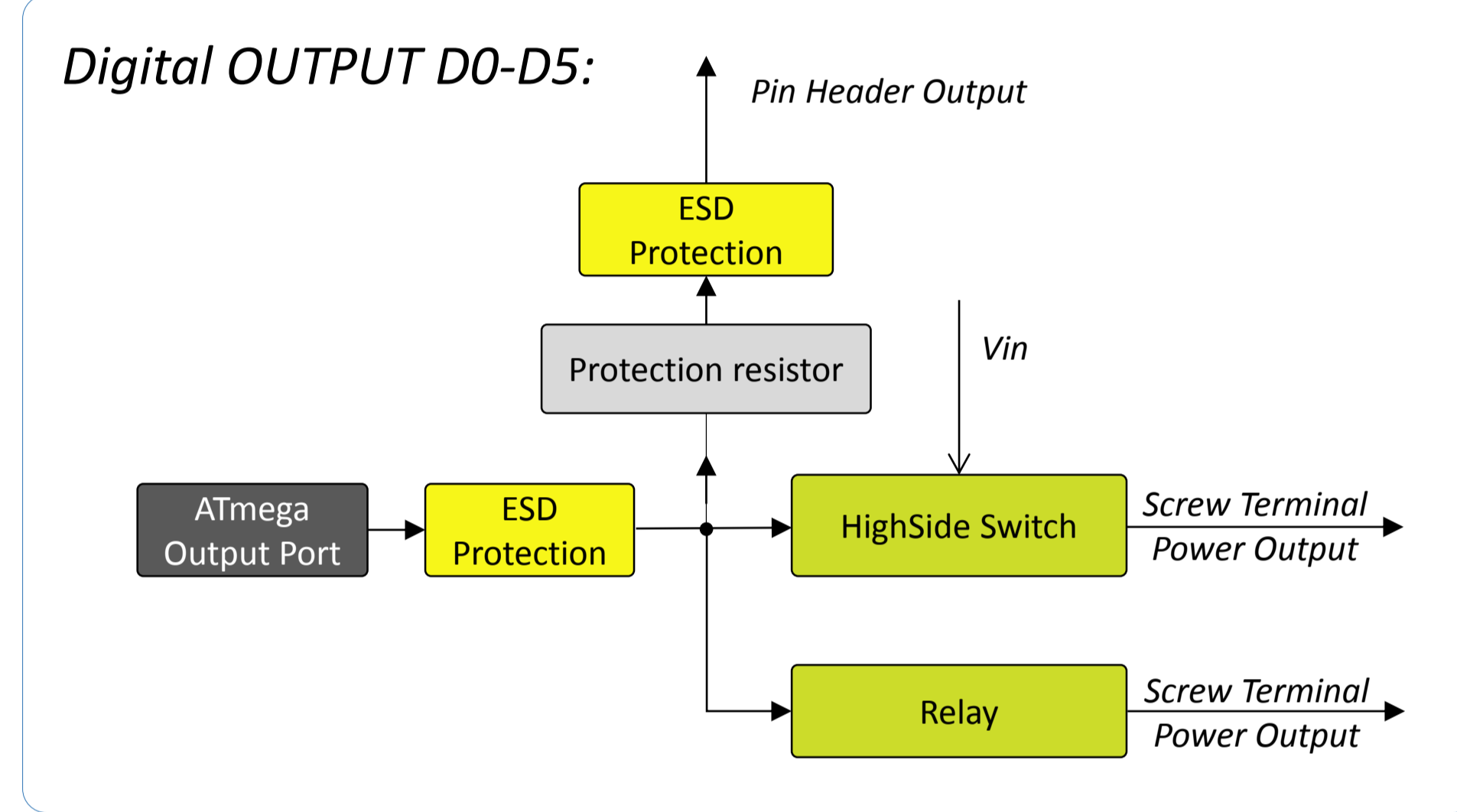
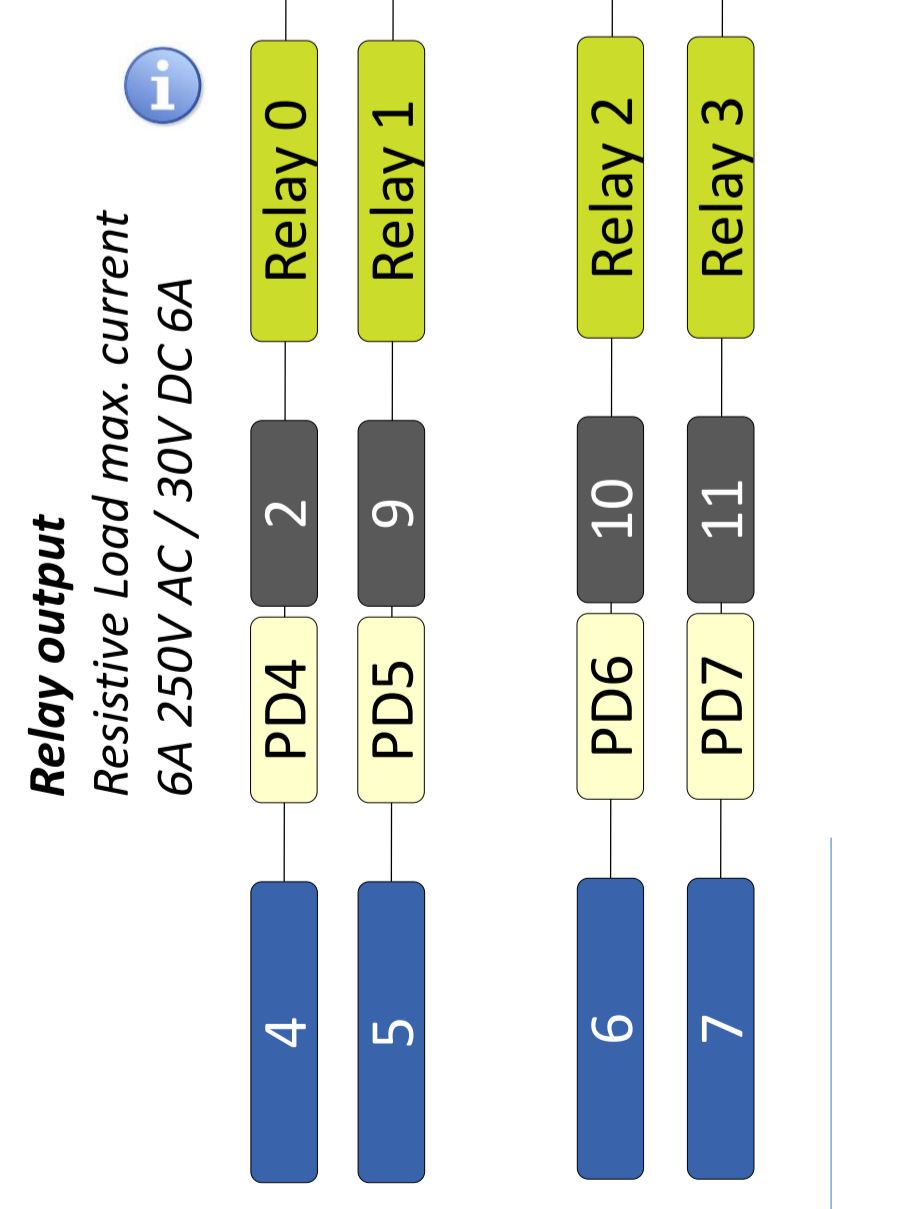
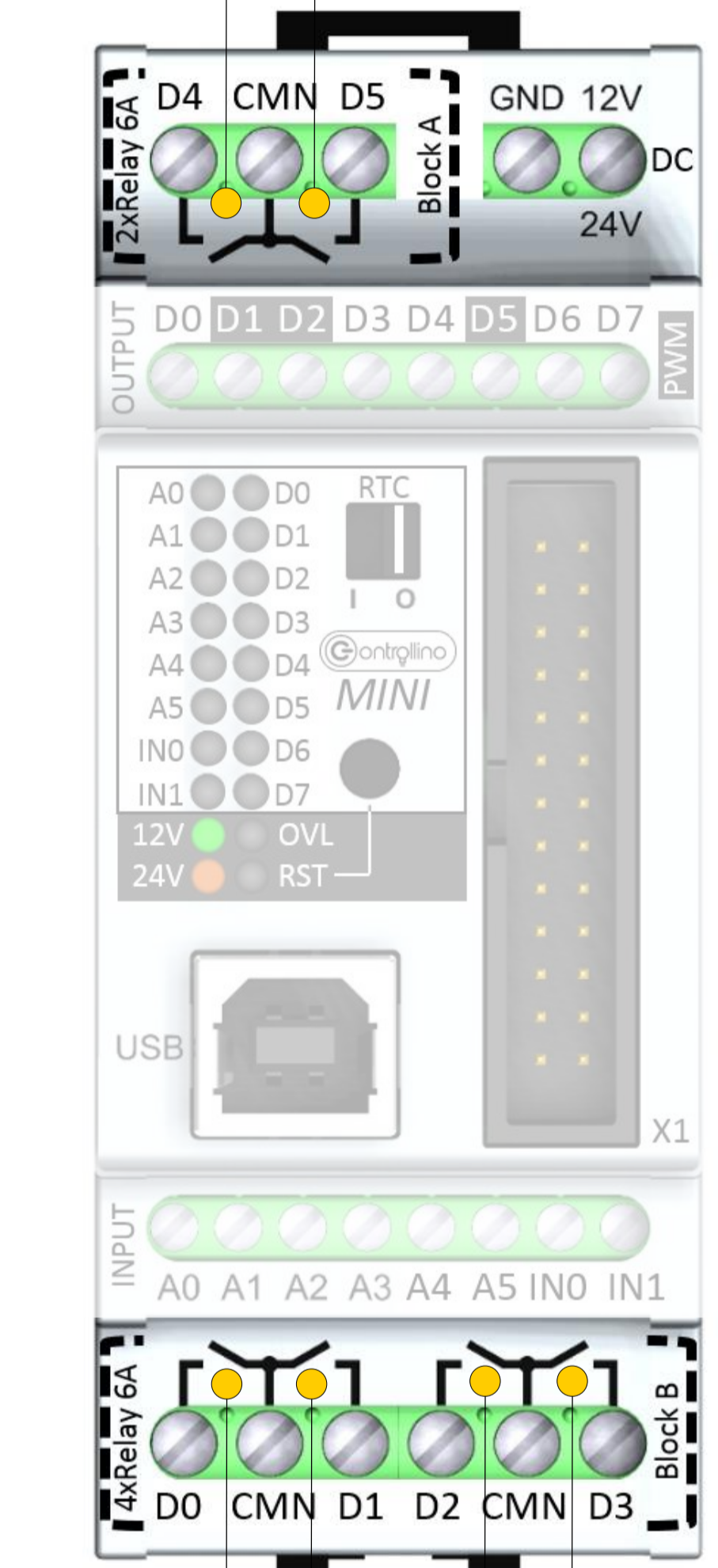


Digital Outputs 0-5 are parallel to Relay Outputs 0-5

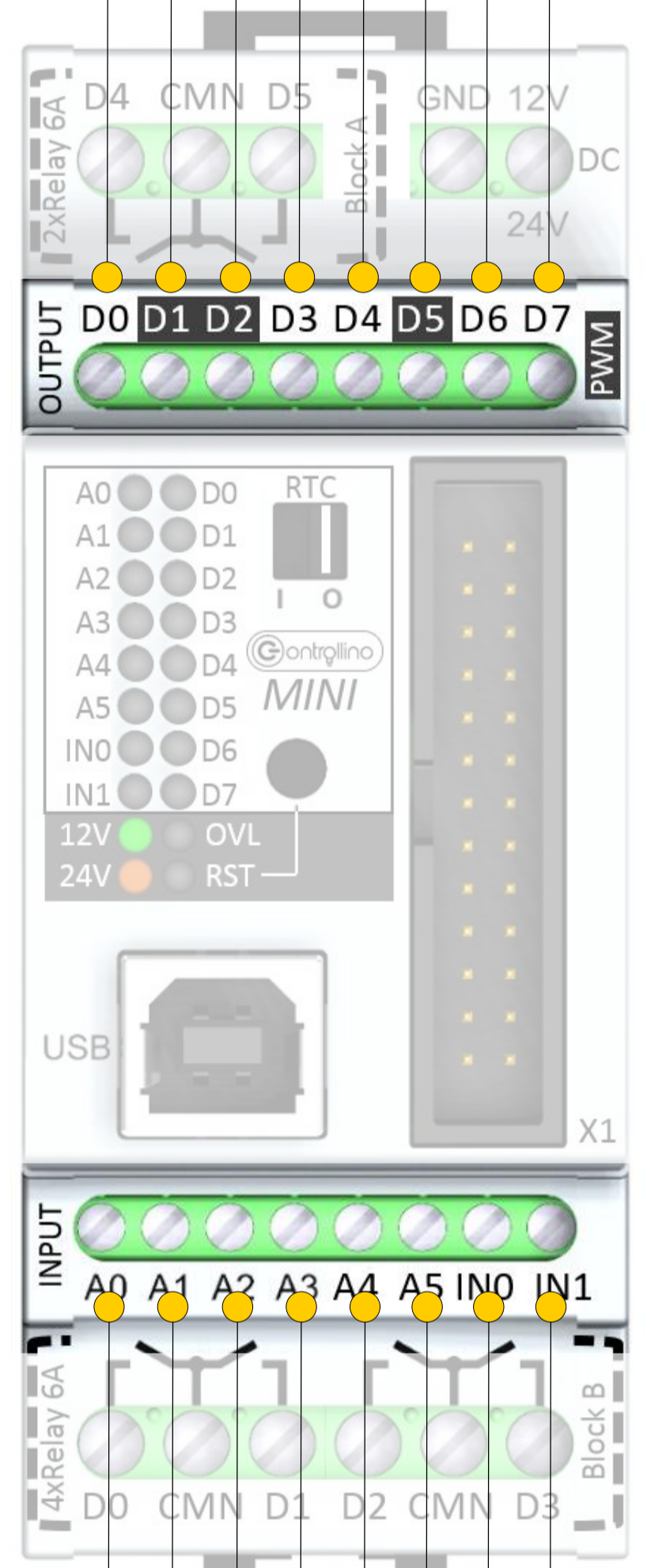


Operational Voltage:
12V: 10,8V-13,2V
24V: 21,6V-26,4V

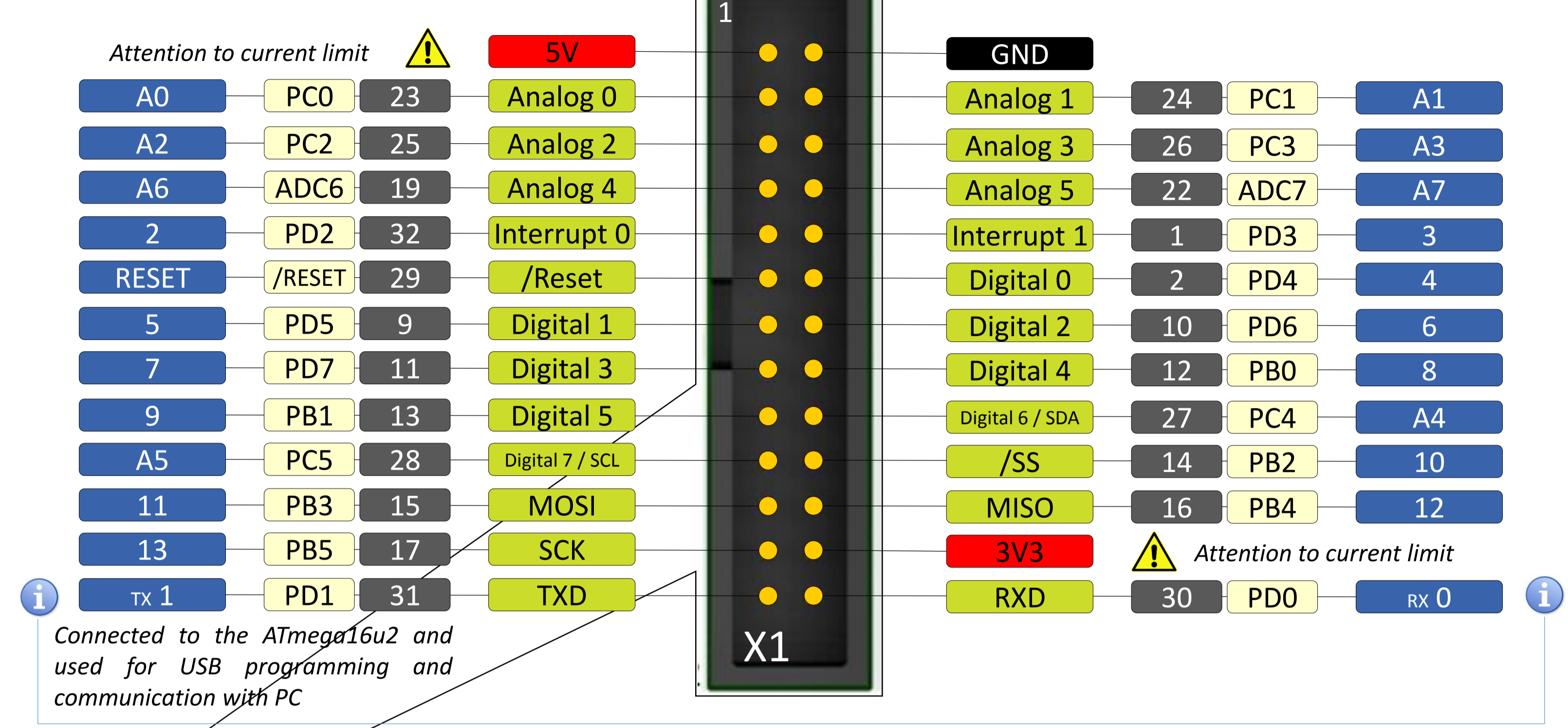
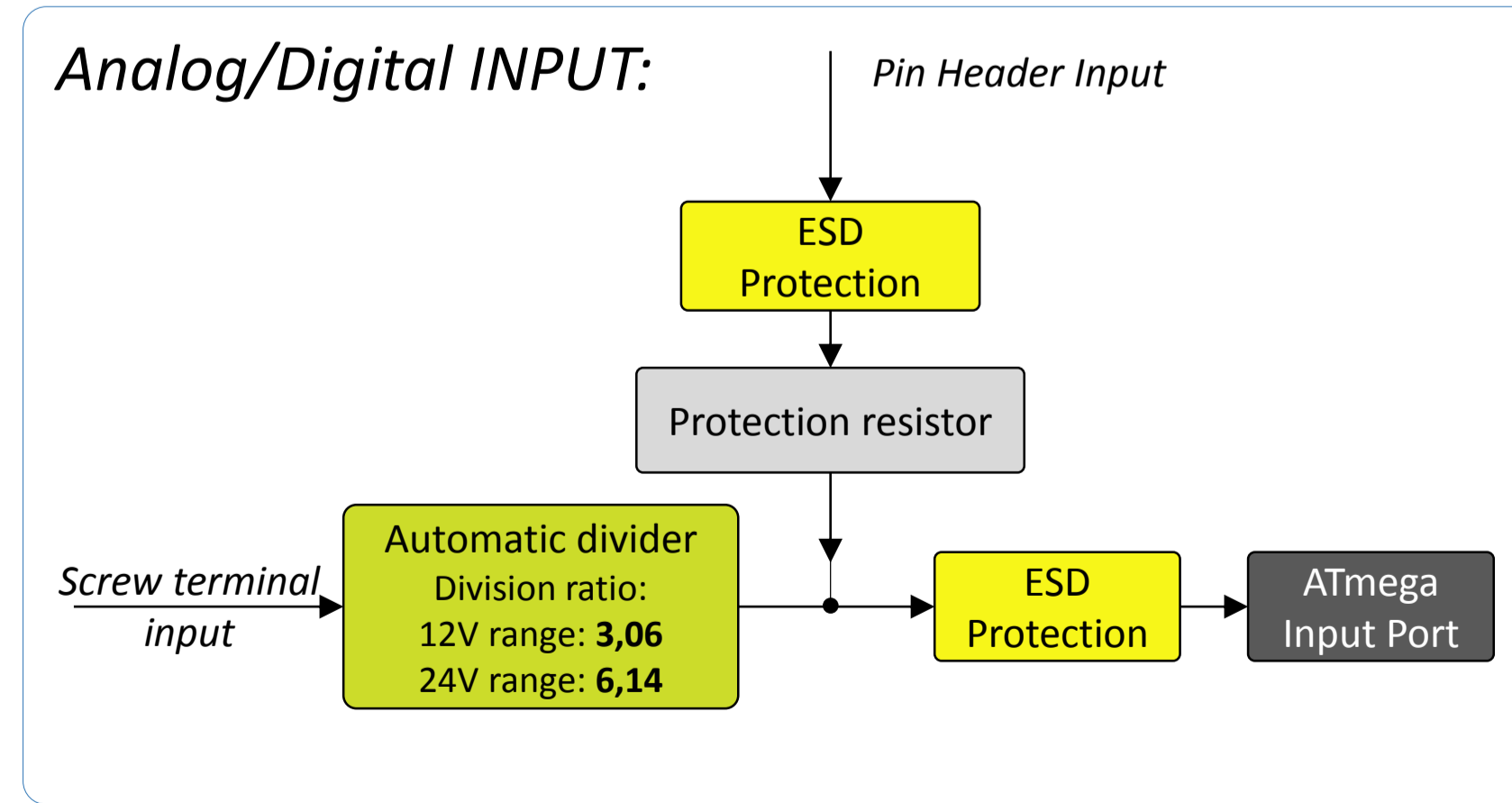
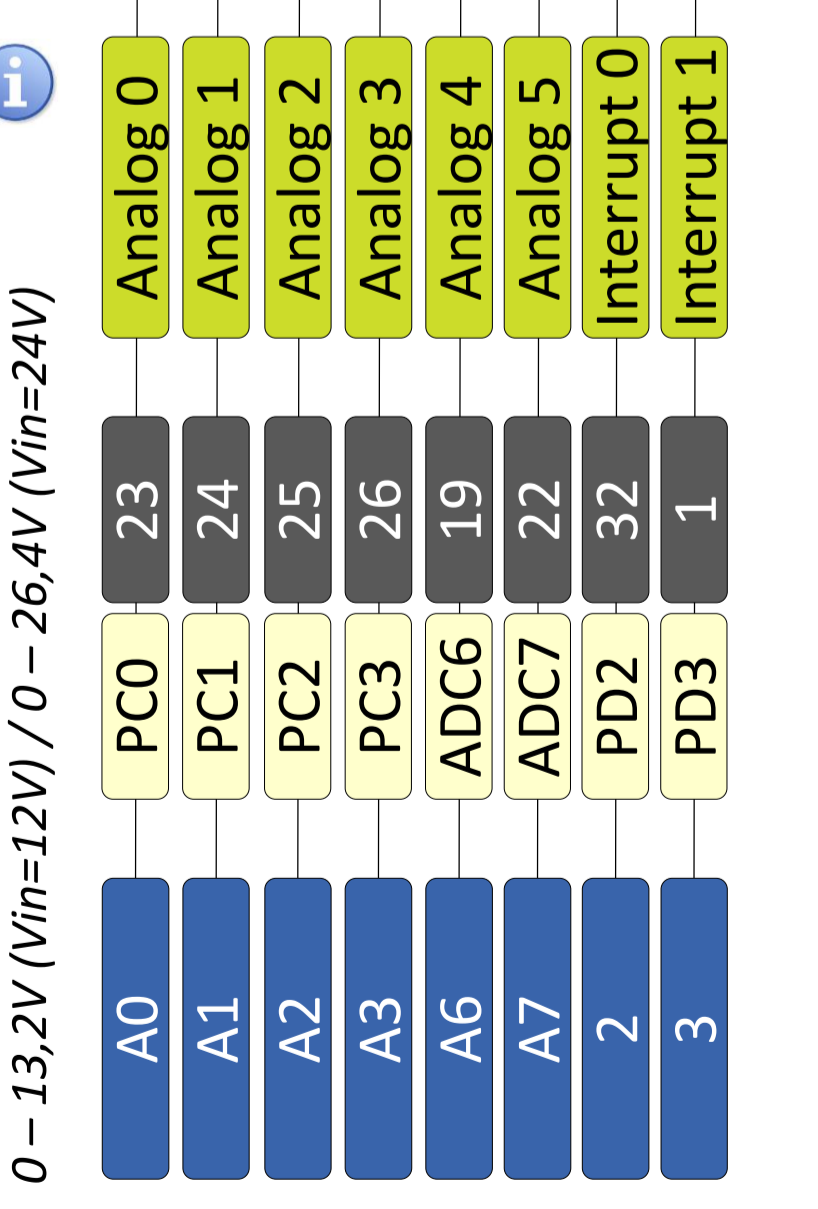
Max. 8A
(Fused by not resettable fuse)



12 x HIGH CURRENT High Side Switch
Nominal load current = 2A (self limiting)
On-state resistance = typ 70mΩ



Signal Inputs
Logic "0" level: 0V - 3,6V (Vin=12V), 0V - 7,2V (Vin=24V)
Logic "1" level: 9V - 13,2V (Vin=12V), 18V - 26,4V (Vin=24V)
Maximum input current <3mA
Voltage range in case of analog input use
0 - 13,2V (Vin=12V) / 0 - 26,4V (Vin=24V)



Connected to the ATmega16u2 and used for USB programming and communication with PC

Pin Header current limit:
Absolute max per pin 40mA
recommended 20mA
Absolute max 200mA
for entire Pin Header
Current limit @5V + 3V3 max 200mA (Fused by resettable fuse)
Current limit @3V3 only 150mA
All signals are protected with serial resistance

Controllino

MINI

PINOUT V1.0

- GND
- POWER
- CONTROLLINO Function
- PHYSICAL PIN
- PORT PIN
- ARDUINO UNO Board

- i General Information
- ! Pay attention

CHIP used ATmega 328P-AU