

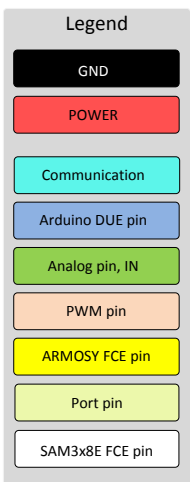
ARMOSY-2 PINOUT

HW V. 2.21



HWPRO

www.hwpro.cz



JUMPER Legend

SW1 UTFT BackLight, 1+2 ON/OFF, 2+3 PWM
SW2 NF Amplifier, ON Power
SW3 DTR USB
SW4 CTS USB
SW5 RTC SQW, 1Hz, 4kHz, 8kHz, 32kHz
SW7 TX2, DI, RS-485
SW8 DE/RE RS485, 1+2 Enable Rx, 2+3 Enable Tx
SW9 RX3, RS232
SW10 TX3, RS232

JUMPER Legend

SW11 AD3+/DA1, Select
SW12 AD3-/DA2, Select
SW13 AD4+/DA3, Select
SW14 AD4-/DA4, Select
SW15 AD4+/AD4-, Resistor 500 Ohm
SW16 AD3+/AD3-, Resistor 500 Ohm
SW17 AD2+/AD2-, Resistor 500 Ohm
SW18 AD1+/AD1-, Resistor 500 Ohm

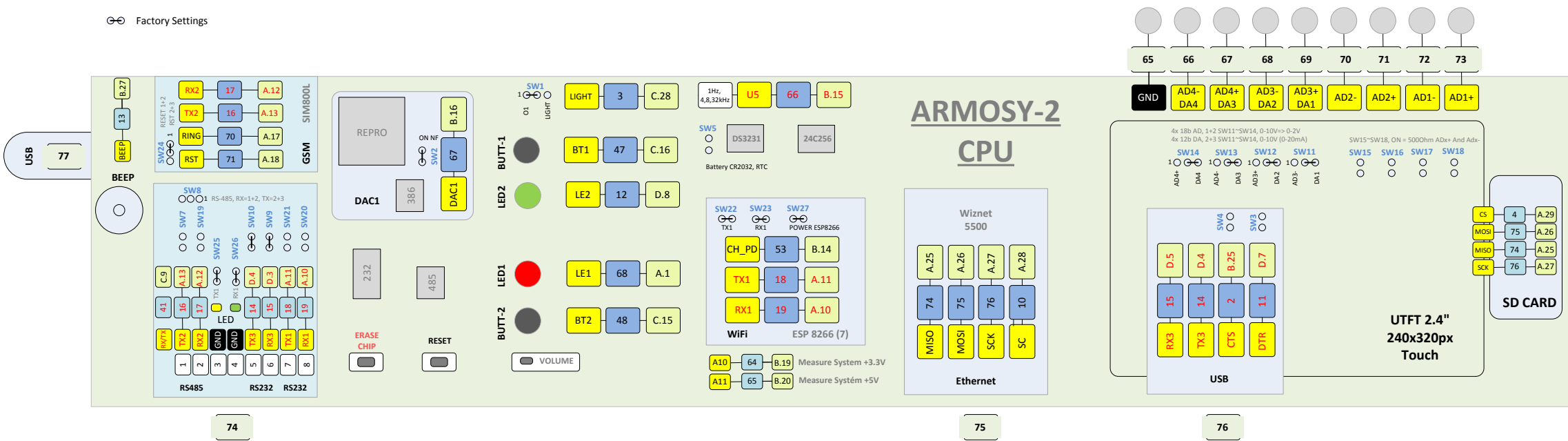
JUMPER Legend

SW19 RX2, RO, RS-485
SW20 RX1, RS232
SW21 TX1, RS232
SW22 ESP8266, WiFi, TX1
SW23 ESP8266, WiFi, RX1
SW24 SIM800L, GSM, RESET, 1+2 RESET
SW25 LED YELLOW RJ45, TX1
SW26 LED GREEN, RJ45, RX1
SW27 ESP8266, WiFi, POWER +3.3V



SHARED PINS (RED TEXT)

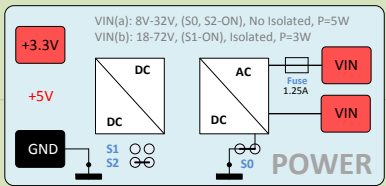
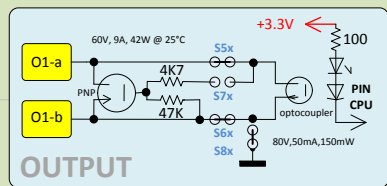
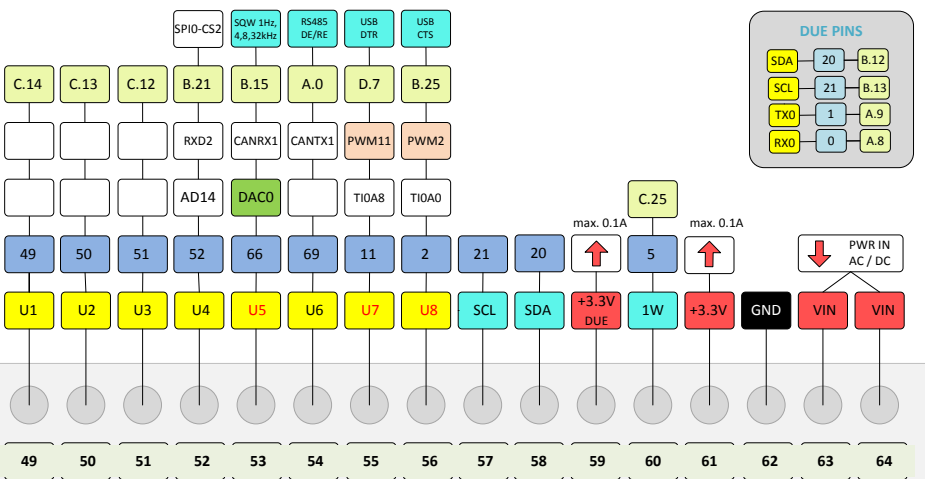
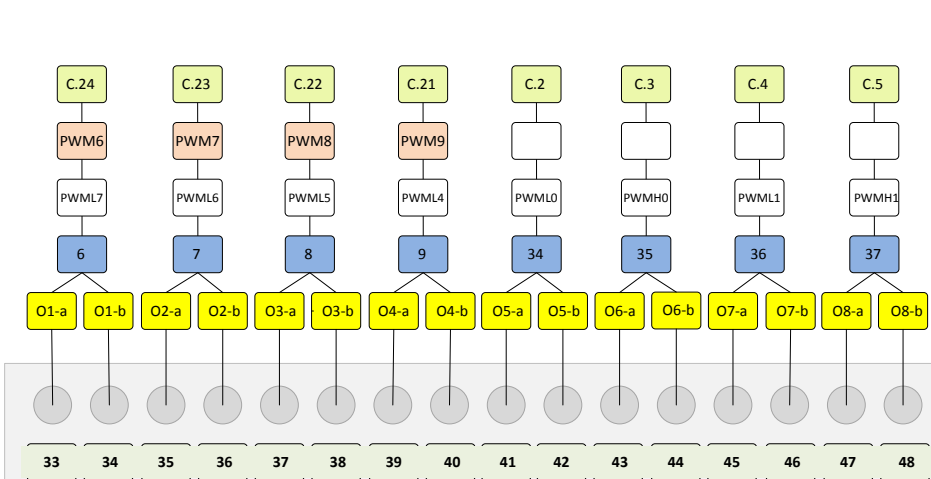
Factory Settings



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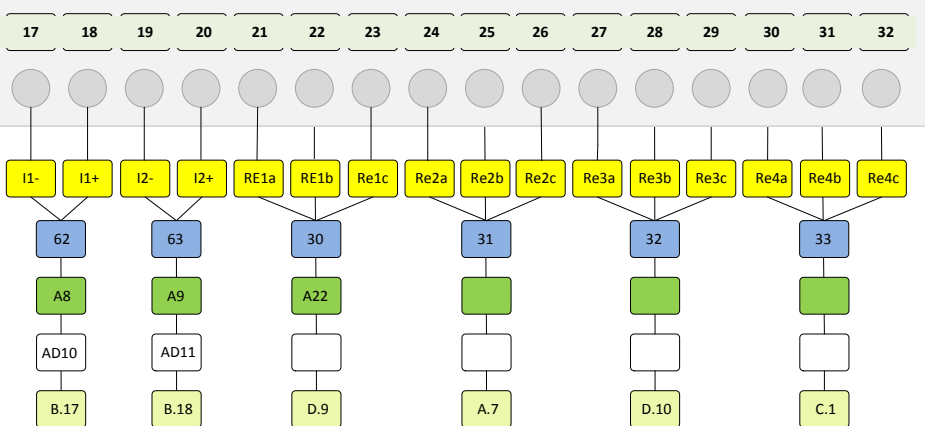
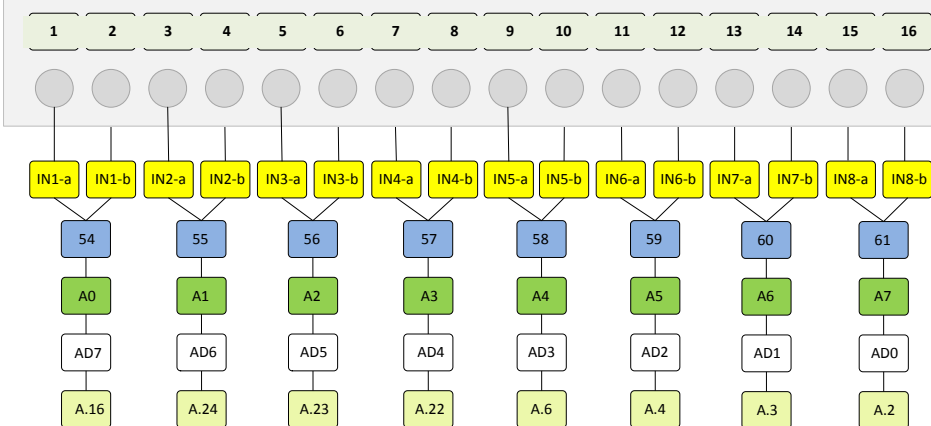
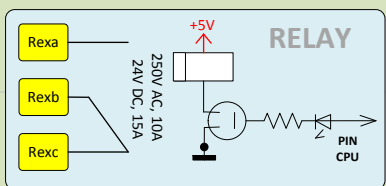
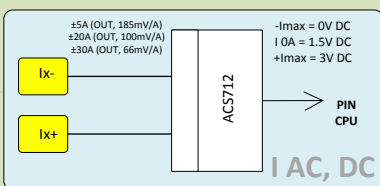
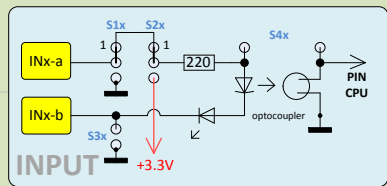
+5V ○○ SDA
+3.3V ●○ SCL
IOREF ○○ SDA1
1W ○○ SCL1
+3.3V ●○ RX1
GND ●○ TX1

YOUR PCB

(100x50x4mm)

U1 ○○ IO1
U2 ○○ IO2
U3 ○○ IO3
U4 ○○ IO4
U5 ○○ IO5
U6 ○○ IO6
U7 ○○ IO7
U8 ○○ IO8

ARMOSY-2 PWR



JUMPER Legend

S1A-H IN, 1+2 loop, 2+3 GND
S2A-H IN, 1+2 loop, 2+3 VCC
S3A-H IN, GND ON
S4A-H IN, Direct pin CPU ON
S5A-H OUT, Optocoupler Collector Terminal
S6A-H OUT, Optocoupler Emitter Terminal
S7A-H OUT, base PNP MOSFET
S8A-H OUT, GND for Optocoupler Emitter

JUMPER Legend

S0 No Isolated DC/DC, ON
S1 Isolated DC/DC (ON)
S2 No Isolated DC/DC (ON +5V OUT)
S3 +5V Output (ON)
S4 IN Voltage 3.3V/5V (3.3V = 1+2)
S6 +3.3V DUE, POWER Terminal, ON
S7 +3.3V, POWER Terminal, ON
S12 1Wire, Terminal, ON
S13 SDA, I2C, Terminal, ON
S14 SCL, I2C, Terminal, ON