

from Central Unit Board



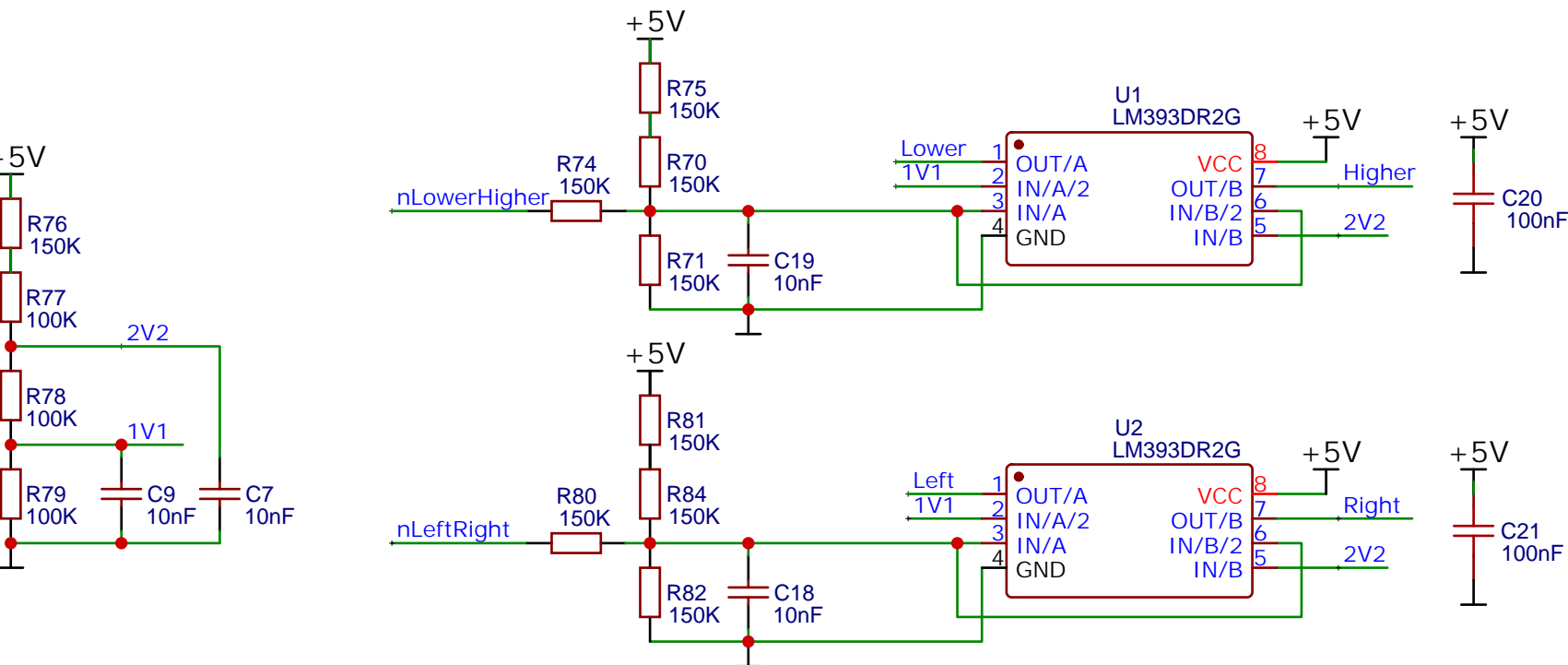
General options

Piggyback  
- socket @ U5  
Cable connection  
- HDMI1

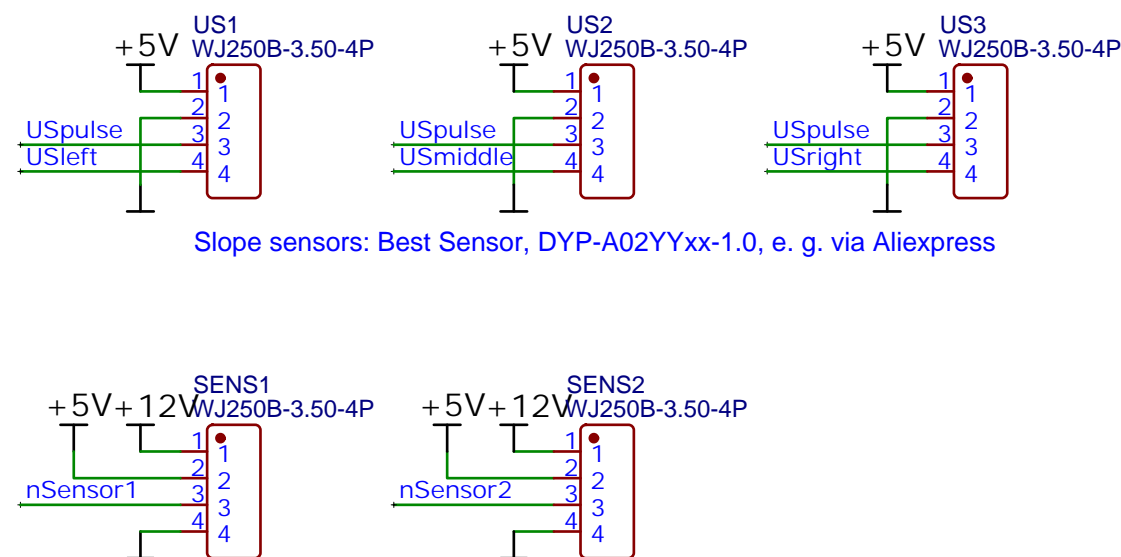
auto-off-on switching @ SW1..8:  
latching SPDT rocker switch on-off-on,  
JP6 open  
auto-off switching @ SW1..8:  
latching SPST rocker switch on-off,  
SW0 not mounted

(temporary SPDT rocker switch (on)-off-(on))

Option for 48-PWM satellite  
instead of R36..43

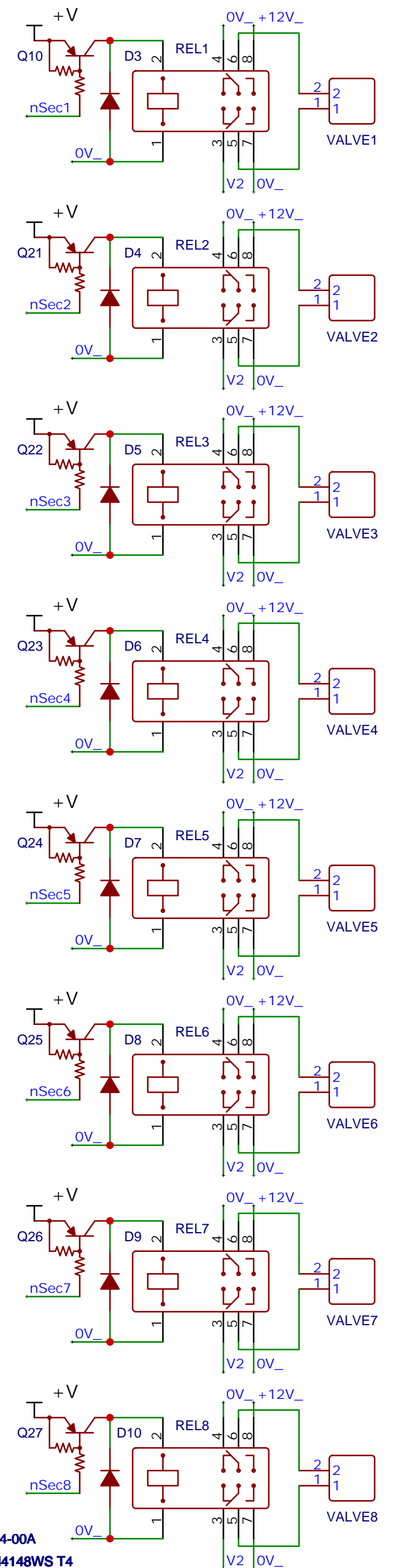
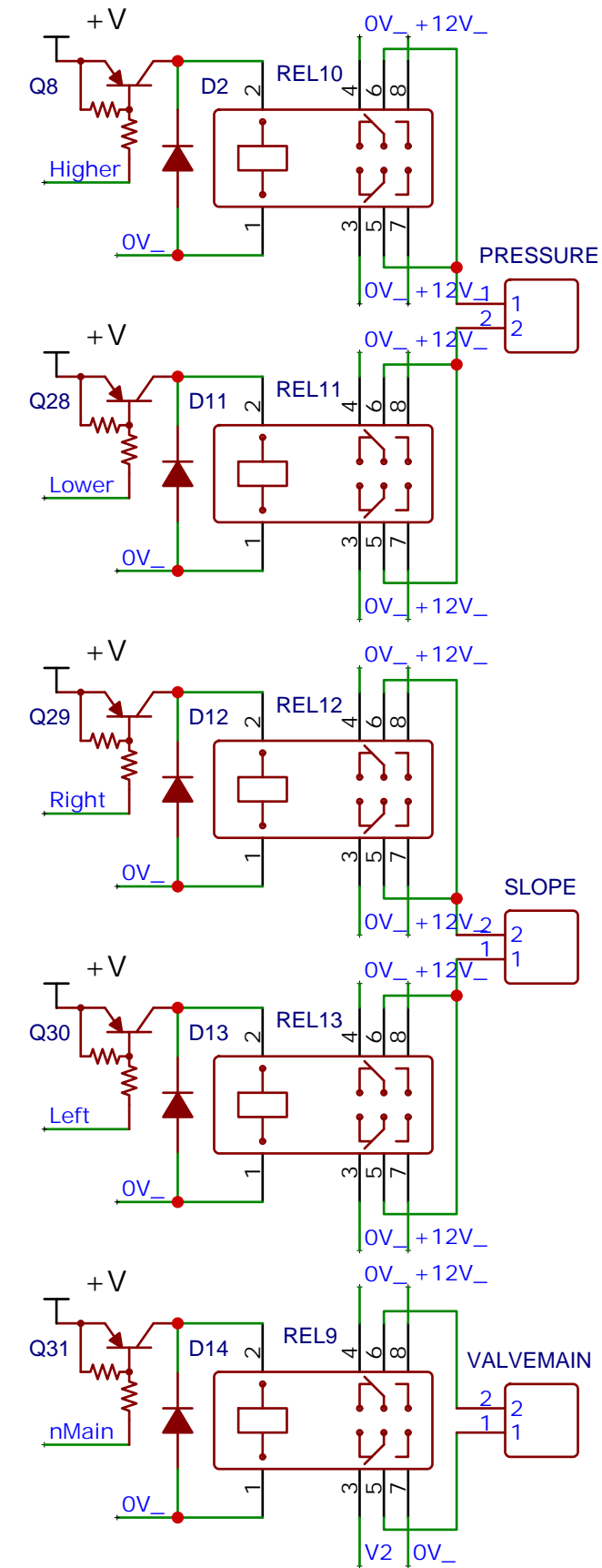


## Sensors Connector



Valve (on/off) open  
Motor (+/- swap) closed

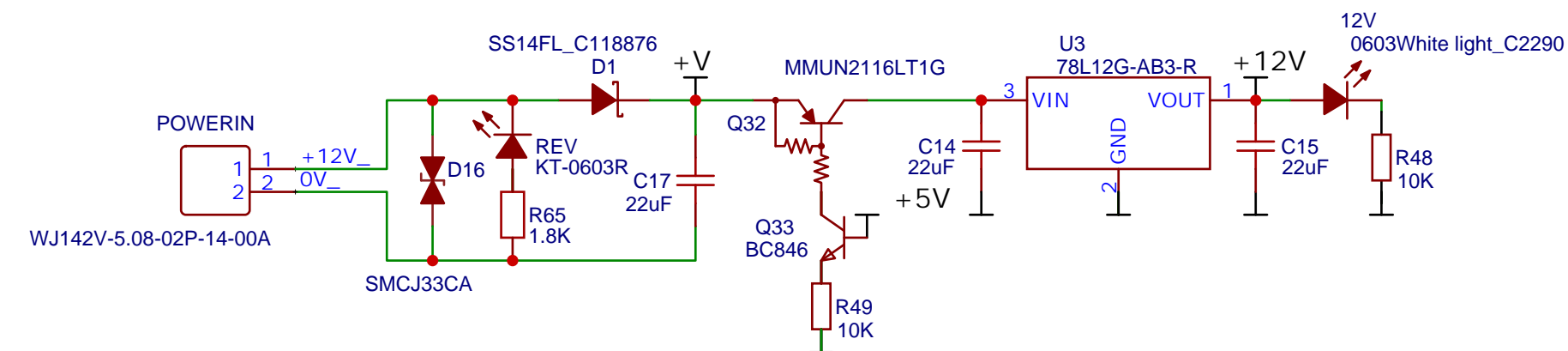
Hongfa: HF115F/012-2ZS4..  
NingboForward: NT752CS8DC12V0.415.0..  
Panasonic: JW2SN-DC12V (too high for rocker switches)



WJ142V-5.08-02P-14-00A  
MMUN2116LT1G 1N4148WS T4

TITLE: Machine Section Control		REV: 1.0
EasyEDA	Company: <a href="https://discourse.agopengps.com">https://discourse.agopengps.com</a>	Sheet: 3/3
	Date: 2021-09-19	Drawn By: GoRoNb

The diagram shows a 5V to 3V3 step-down converter. The input is 5V, connected to the Vin pin of the AMS1117-3.3 regulator (U4). A 10k resistor (R47) and a 10uF capacitor (C67) are connected to the input. The regulator's GND/ADJ pin (pin 2) is connected to ground. The output (pin 4) is connected to a 10uF capacitor (C66) and a 10uF capacitor (C65). The output is then connected to a 3V3 LED (D24) through a 1k resistor (R62). The LED is labeled 0603White light\_C2290.



TITLE: Power Supply		REV: 2.0
	Company: <a href="https://discourse.agopengps.com">https://discourse.agopengps.com</a>	Sheet: 8/8
	Date: 2021-09-18      Drawn By: GoRoNb	