

SERVO\_MVCC5V2\_DIRTY

Channels 6-11 brought out on expansion header only.

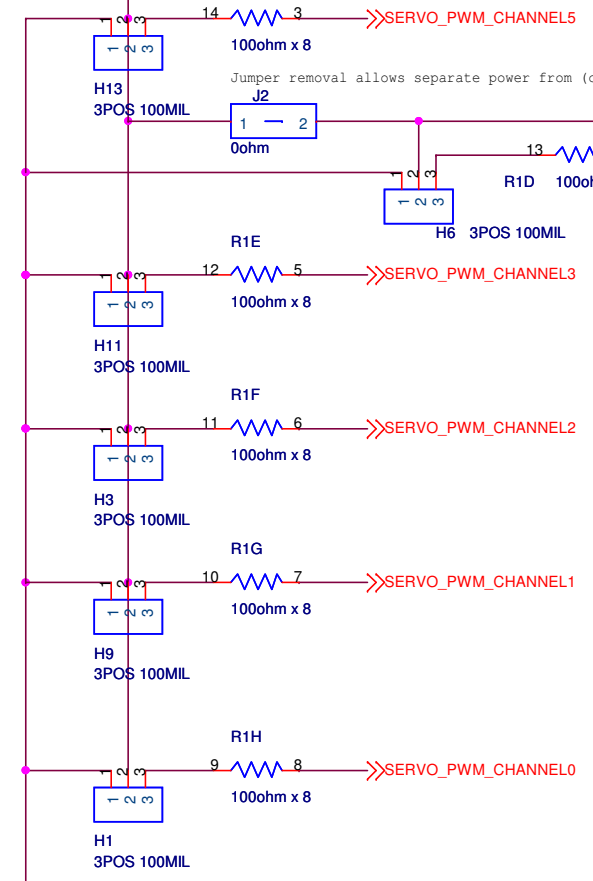
Note numbering here. "channel0" corresponds to real world "channel 1"

header positions: 140,508, 140,860, 140,1212,140,176/292

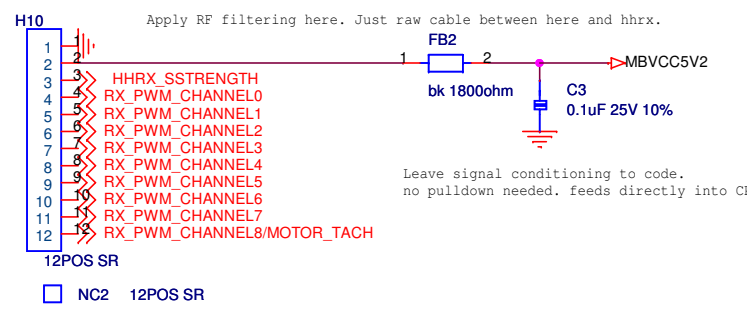
R1C Protect GPIO against i.e short to ground (commonly happens when servo connector is reversed) by limiting to 50ma using 100ohm resistors

J2 Jumper removal allows separate power from (or to) the channel 5 port.

Channel 5 is special - if jumper is removed, it provides (or draws) power to motherboard separate from servo dirty.



To servo pwm outputs from off-the-shelf handheld receiver.



Apply RF filtering here. Just raw cable between here and hhrx.

Leave signal conditioning to code. no pulldown needed. feeds directly into CI

D2 CRS08 30V 1.5A Schottky. Replace/bypass with jumper to avoid 0.3v drop / lower working voltage, but lose reverse polarity protection.