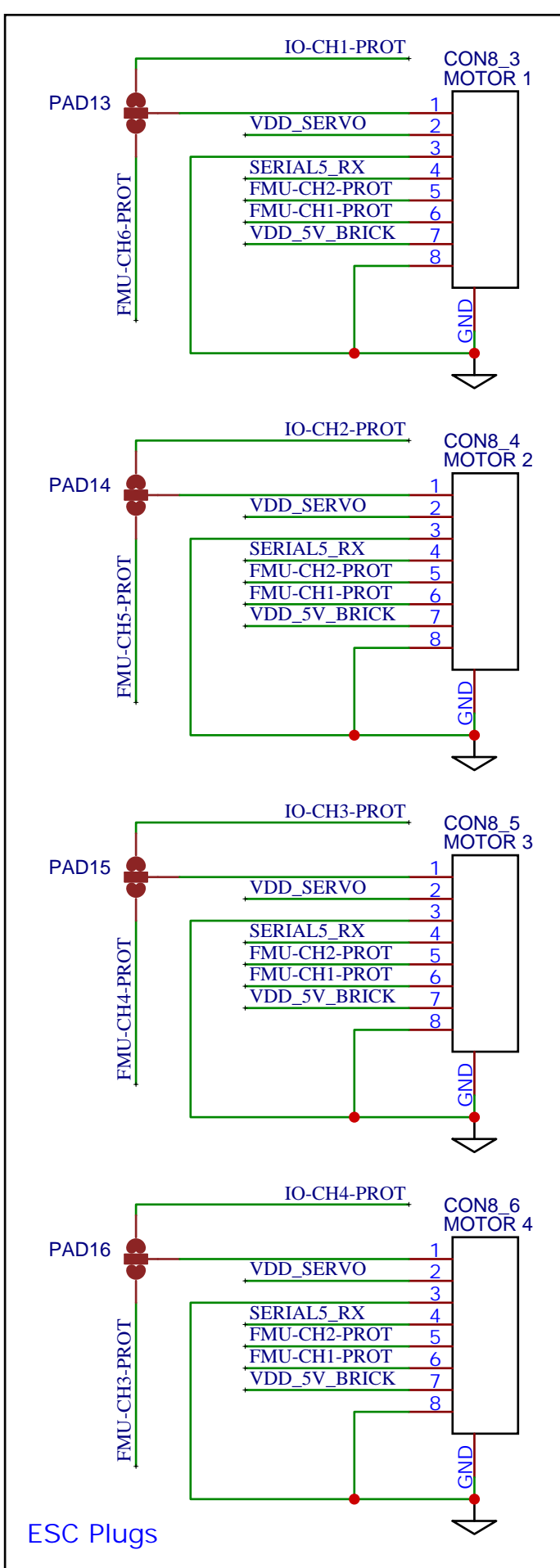


DO PINS 26 AND 65 HAVE A PURPOSE?
Pin 2: Boot Error LED. Pin 26: 3v3 IO chip power.

WHAT ABOUT THE 3 SPI_EXT PINS? OR: Probably not required.
 EXTERN_CS
 EXTERN_DRDY
 FMU-IRESET
 IO-IRESET

DOES AUXILIARY VOLTAGE AND CURRENT SENSOR INPUTS NEED TO BE USED? No

IS THE PSM THE SAME AS FOUND ON THE SOLO (CAN I TRANSPLANT A SOLO PSM), yes, but not advisable to re-use it.



Add Serial 5 (Rx) for BLHeli_32 ESC Telemetry. copy the pins to each arm.
BLHeli_32 ESC control needs AUX pins
Add pins at each arm for profiCNC LEDs (AUX PWM 5 and 6)

MAKE A SINGLE CONNECTION/PLUG FOR EACH ARM, SIMILAR TO THE WAY SOLO DOES IT. INCLUDE:

- ESC Signal (For normal ESC control)
- AUX1 signal (For BLHeil32 ESC control)
- Serial 5 Rx (For ESC telemetry)
- AUX5 signal and
- AUX6 signal (For LED Control)
- 5V
- G

I think make the 2 different types of ESC selectable by a jumper, right near the plug

NORMAL ESC (10) OR BLHELI_32 (FMU)
For BLHELI_32 ESC Telemetry
Auxiliary 5 and 6 signal for LED control
5V
GROUND

NORMAL ESC (IO) OR BLHELI_32 (FMU)
Servo Voltage
Servo Ground
For BLHELI_32 ESC Telemetry
Auxiliary 5 and 6 signal for LED control
LED 5V (Direct from power supply)
LED Ground



DON'T USE THE CUBE USB-OTG PLUG IF USING THE IMX6 USB
DON'T USE THE DSM PORT IF USING YOUR OWN SEPARATE RC RECEIVER



DON'T USE THE CUBE USB-OTG PLUG IF USING THE IMX6 USB

NEED A FUSE FOR 12V POWER SUPPLY TO ACCESSORY BAY



CANNOT USE THE ESC SIGNAL FOR CH6.7.8 IF USING THE ACCESSORY BAY