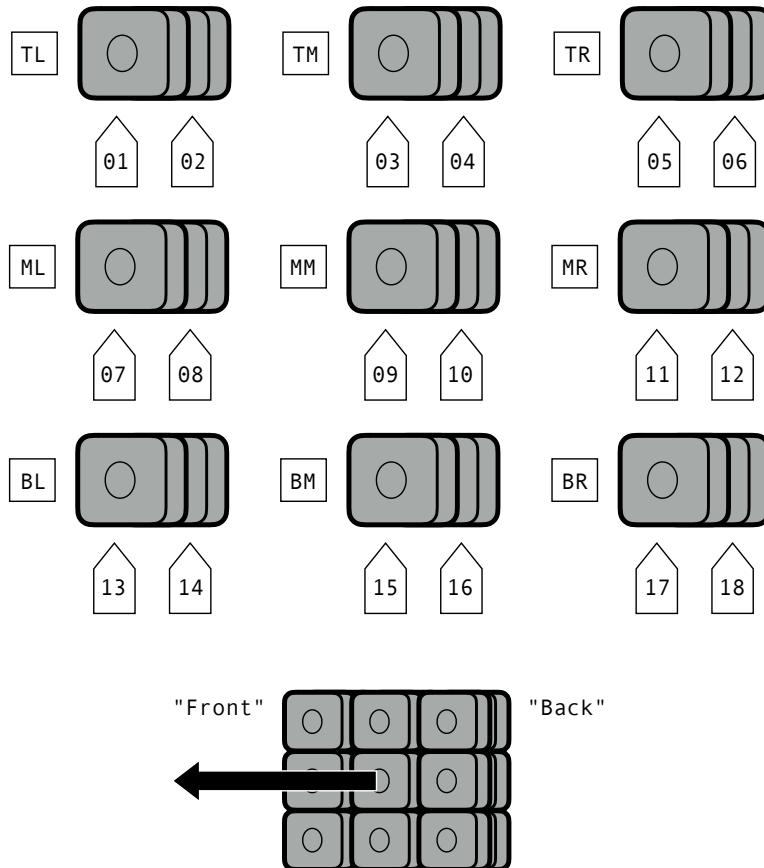
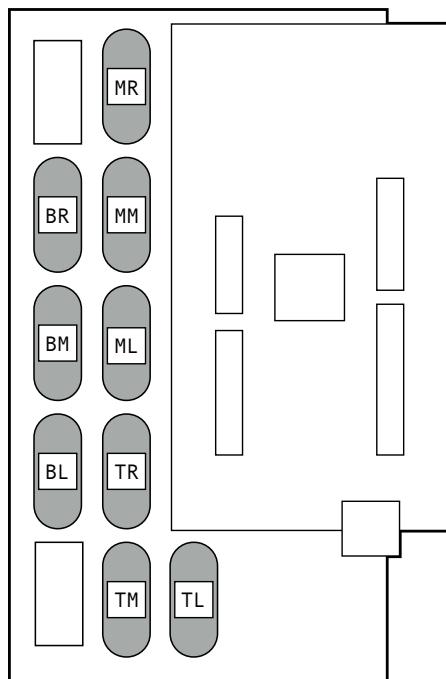


FCMkII FAN AND PIN MAPPING FOR THE JPL M2020 ARRAY

Module



PCB



Pinout

CN7							
Left col.		Right col.					
Fan	Pin	Fan	Pin				
09P	MM-F	PC_6	18P	BR-B	PB_8		
10P	MM-B	PB_15	17P	BR-F	PB_9		
					AVDD		
					GND		
07P	ML-F	PA_15	12P	MR-B	PA_5		
08P	ML-B	PC_7					
15P	BM-F	PB_3					
					11P	MR-F	PD_15

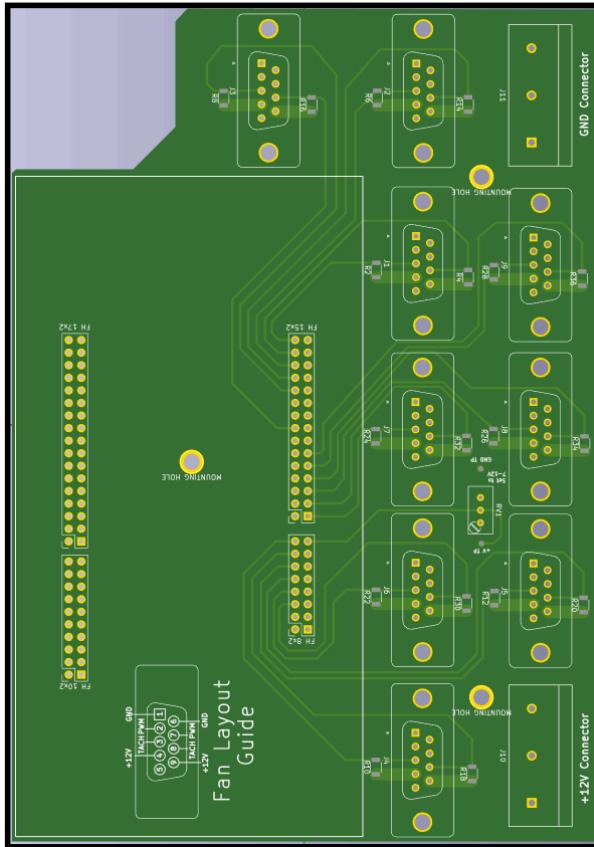
CN8			
Left col.		Right col.	
Fan	Pin	Fan	Pin
NC			
IOREF			
RESET	10T	MM-B	PC_10
3V3	09T	MM-F	PC_11
5V	18T	BR-B	PC_12
GND	17T	BR-F	PD_2
GND	12T	MR-B	PG_2
VIN	11T	MR-F	PG_3

CN10			
Left col.		Right col.	
Fan	Pin	Fan	Pin
AVDD			
AGND	02P	TL-B	PE_9
GND	01P	TL-F	PE_11
	16P	BM-B	PB_6
			GND
	02T	TL-B	PE_4
	14P	BL-B	PE_6
	01T	TL-F	PE_3
	04T	TM-B	PF_8
	03T	TM-F	PF_7
	06T	TR-B	PF_9
	05T	TR-F	PG_1
			GND
	13P	BL-F	PD_13
			GND
	04P	TM-B	PE_12
	03P	TM-F	PE_14
	06P	TR-B	PB_10
	05P	TR-F	PB_11

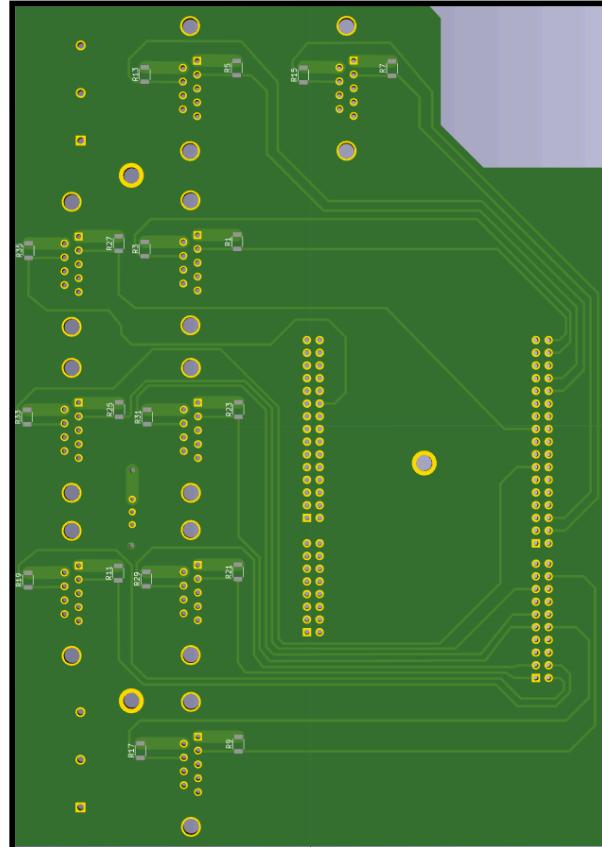
PAIR:	TL		TM		TR		ML		MM		MR		BL		BM		BR	
F/B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B	F	B
FAN:	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
TACH	PE_3	PE_4	PF_7	PF_8	PG_1	PF_9	PA_3	PC_0	PC_11	PC_10	PG_3	PG_2	PF_5	PF_10	PC_3	PF_3	PD_2	PC_12
PWM	PE_11	PE_9	PE_14	PE_12	PB_11	PB_10	PA_15	PC_7	PC_6	PB_15	PD_15	PA_5	PD_13	PE_6	PB_3	PB_6	PB_9	PB_8

Legend			
01 T		TL -F	
Fan number	Function: Tachometer (T) or PWM (P)	Fan pair: Top (T), Middle (M), or Bottom (B) and Right (R) or Left (L)	Fan within pair: Front (F) or Back (B)

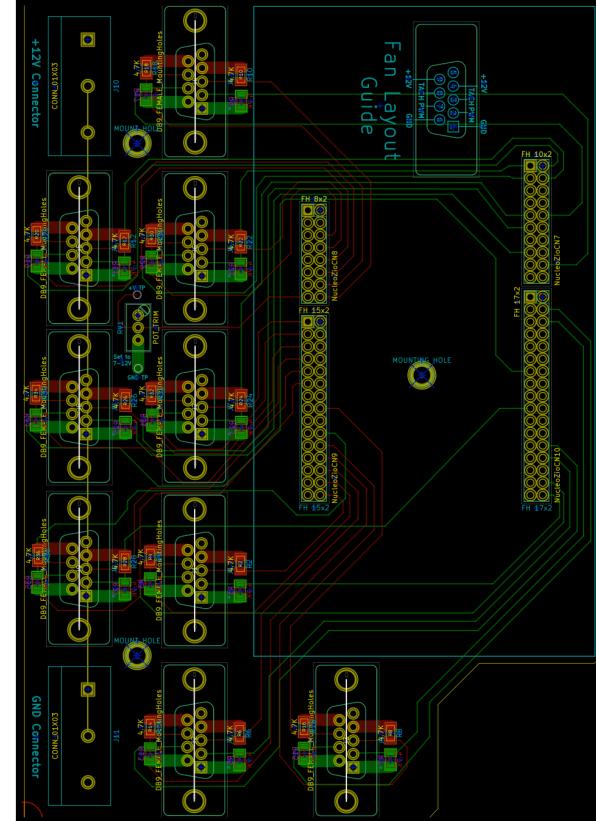
FCMkII FAN AND PIN MAPPING FOR THE JPL M2020 ARRAY - Sources



PCB (top)

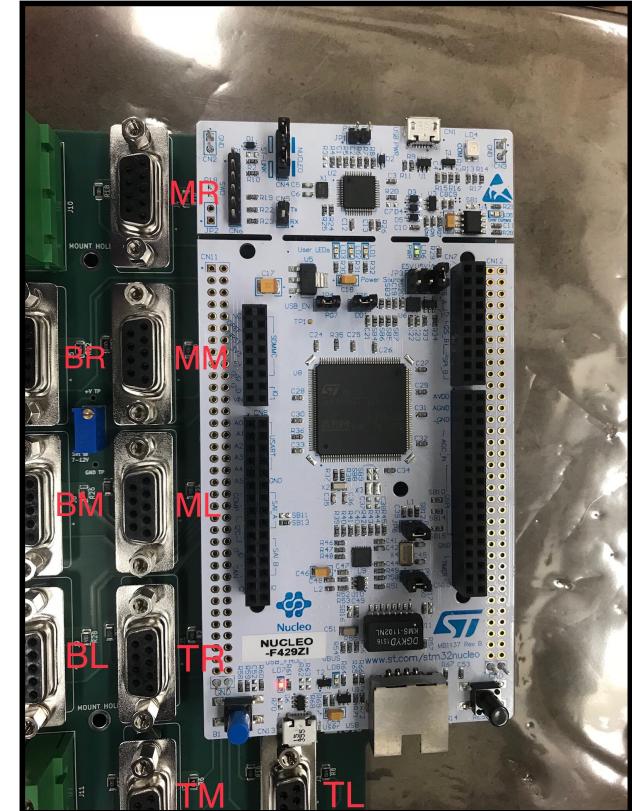


PCB (bottom)



PCB (diagram)

- Tachometers in **red**
- PWM's in **green**



PCB (picture)