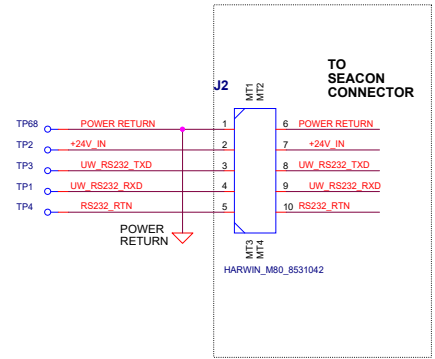
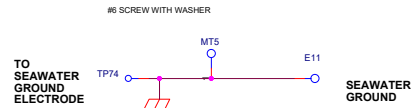
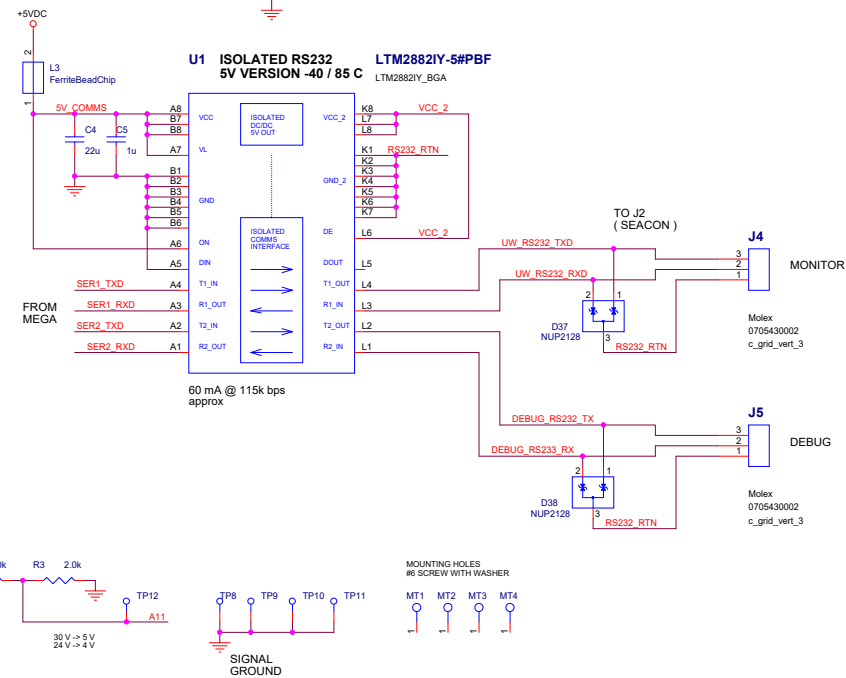
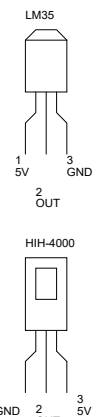
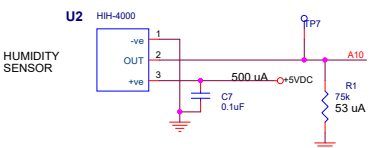
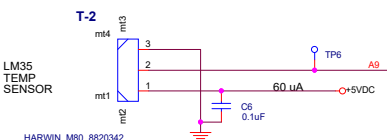
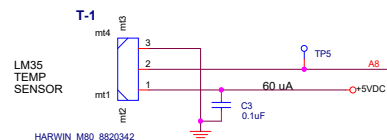
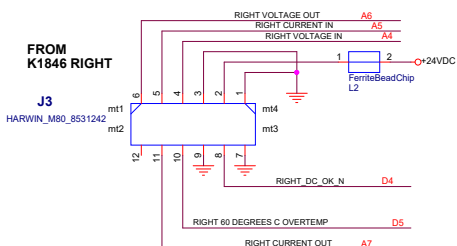


24V POWER BUDGET			5V POWER BUDGET		
(INCLUDES 5V PWR BUDGET)					
K1846s	24V	140 mA	U1 LTM2822Y-3#PBF	5V	60 mA
A1 ARDUINO	24V	54mA	T1 LM35 TEMP SENSOR	5V	0.06 mA
			T2 LM35 TEMP SENSOR	5V	0.06 mA
			U2 HIH-4000 HUMIDITY	5V	0.5 mA
24V TOTAL		194.0 mA	U2 LOAD RESISTOR	5V	0.5 mA
			5V TOTAL		60.22 mA

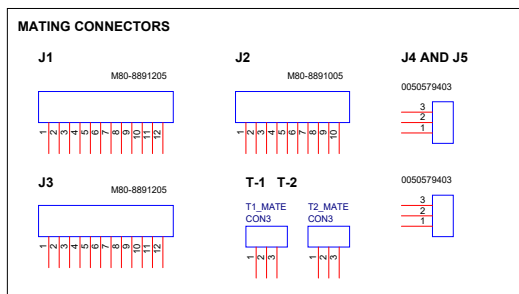
NOTES:

5VDC ORIGINATES IN THE MEGA

CONNECTION POINTS LABELED "E" ARE TURRET TERMINALS
KEYSTONE 1502-2 DIGIKEY 36-1502-2-ND

SERIAL STREAM TO J4 AND SEACON CONNECTOR IS
RAW STATUS BITS AND RAW ADC COUNTS ONLY

SERIAL STREAM TO J5 IS HUMAN READABLE STATUS
BITS AND ADC READINGS CONVERTED TO
ENGINEERING UNITS



Title			
MARS K1846 MVC SERIAL MONITOR			
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