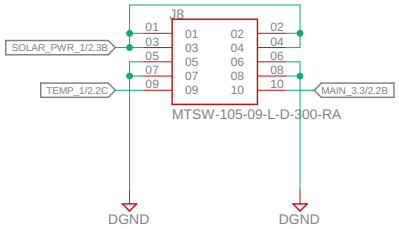
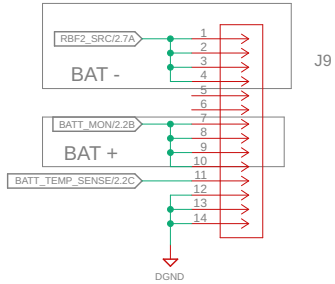
## +Z_Solar_Panel / SOLAR_PWR_1



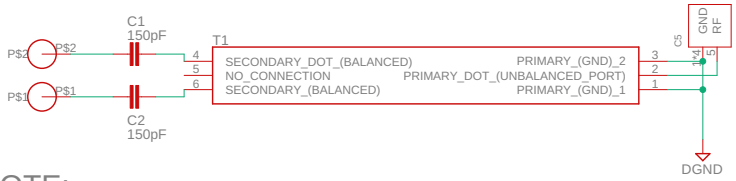

NOTE:
MAIN_3.3 -> 500mA Line
SOLAR_PWR_1 -> 500mA Line
Temp_1 -> Analog Out

## EM Battery Connector



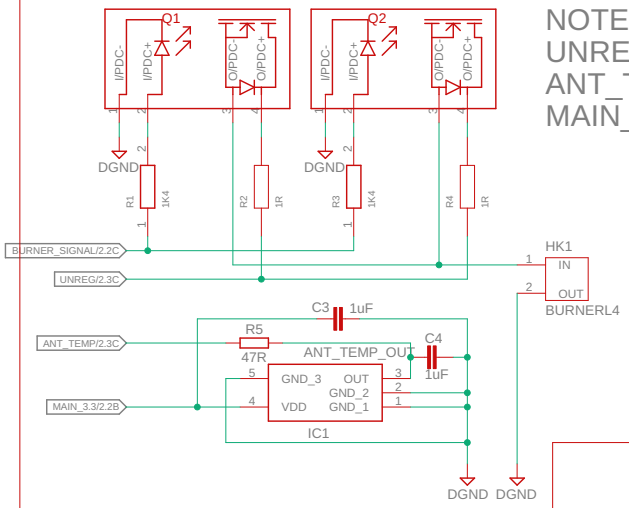

NOTE:
RBF2_SRC -> 5A line
BATT_MON -> 5A Line
DGND -> 5A Line / Pour
BATT_TEMP_SENSE -> Analog

## Antenna Holder and RF




NOTE:
RF Lines (net from T1.4, T1.6, and T1.2) are 50 Ohms Impedance Controlled

## Burner Circuit




NOTE:
UNREG -> 5A Line
ANT_TEMP -> Analog Out (temp sense)
MAIN_3.3 -> 500mA Line

NXT_GEN_CUBUS_-X_ANT_MTHR_FM v1
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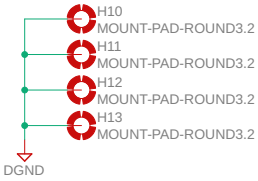
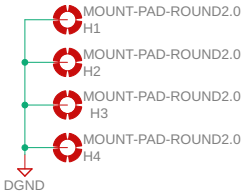
## Deployment Prevention Screws

H5 ANTENNA-HOLDER3.0
H6 ANTENNA-HOLDER3.2
H7 ANTENNA-HOLDER3.0
H8 ANTENNA-HOLDER3.0
H9 ANTENNA-HOLDER3.0

## DAU Mount Holes




## Board Mount Holes

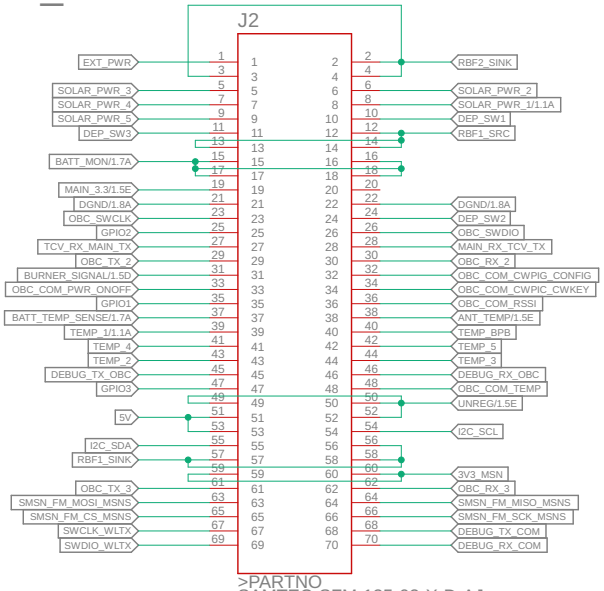



## RBF Pins



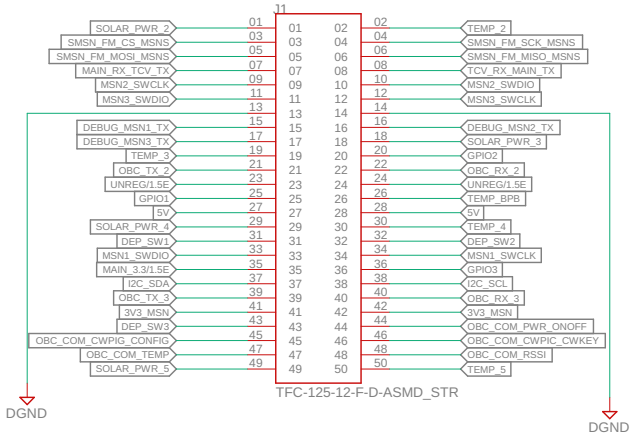

NOTE:
Traces from RBF Pin(s) need to be able to carry 5A max

## DAU_ANT/MTHR_CONNECTOR




>PARTNO
SAMTEC-SFM-135-02-X-D-AJ
SAMTEC-SFM-135-02-X-D-A

## BPB-ANT/MTHR_BRD Connector




NOTE:
UNREG -> 5A Line
5V -> 2A line
3V3_MSN -> 2A Line
I2C_SDA/GPIO1 and I2C_SCL is Diff Pair
(impedance control not needed)
SOLAR_PWR_* Lines are all 500mA lines
TEMP_* lines are analog input to OBC
MAIN_3.3 is 3A line
OBC_COM_TEMP and OBC_COM_RSSI
is analog input to OBC from COM

## ACCESS_CONNECTOR




>PARTNO
SAMTEC-CLP-112-02-X-DJ
SAMTEC-CLP-112-02-X-D

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