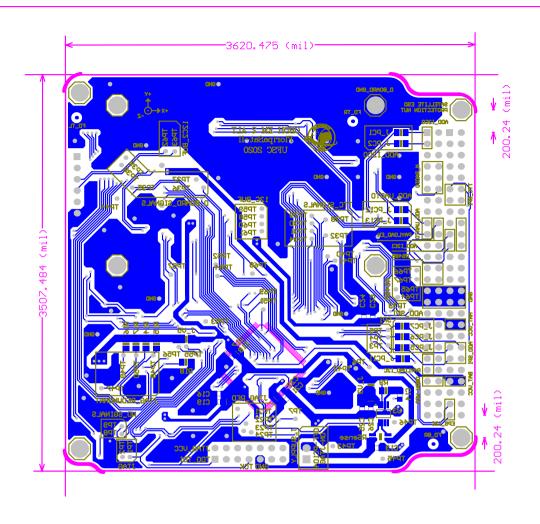


General SPEC:

Cupper base 10Z: PCB Material: FR4 PCB Tickness: 1.6mm PCB Surface: ENIG Vias: Force Complete Tenting

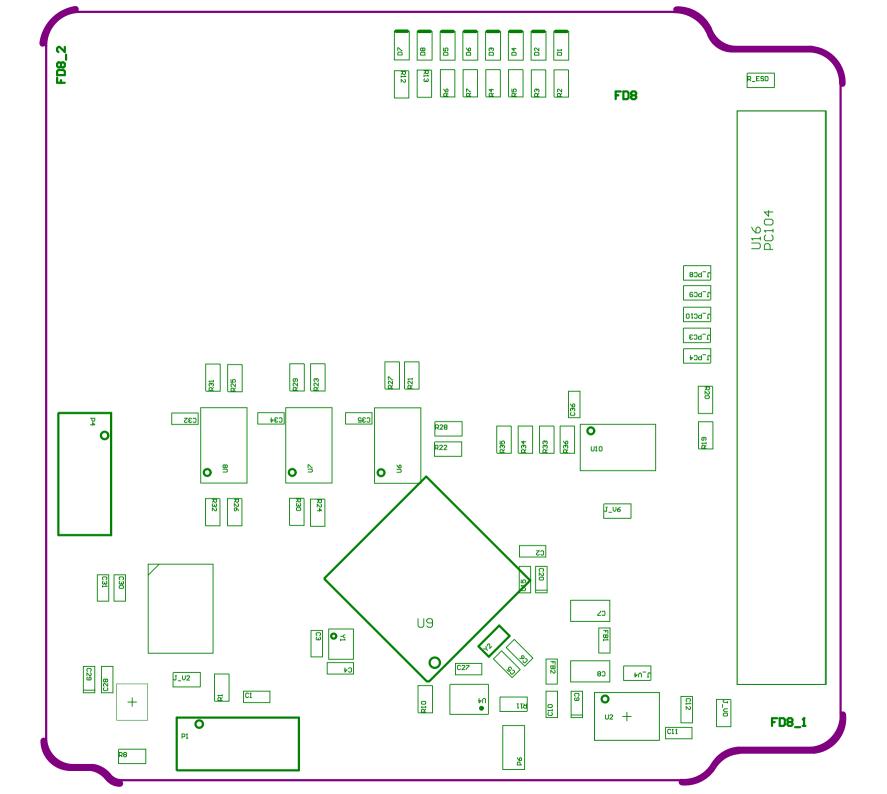
		-	
TITULO: OBDH 2018		REV.	VER.
UFSC		01	Eng_2_ALT
MATERIAL: FR4	Silkscreen color: green		
Board Tickness: 1.6mm	Layers: 02	Drawing	DATE
PCB Surface: ENIG		Andre M. P. Mattos	01/12/2019

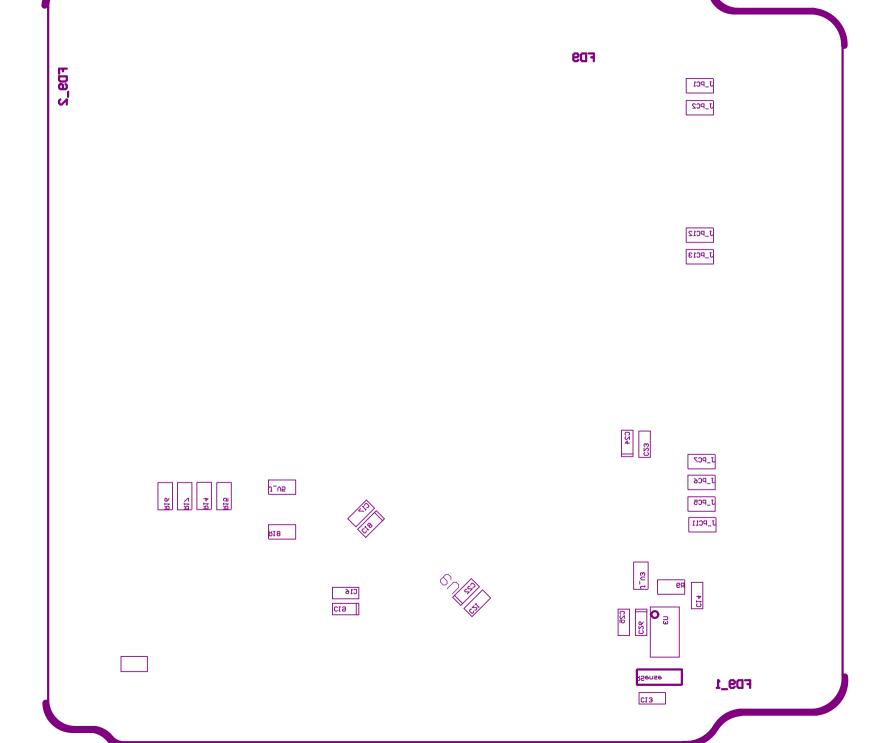


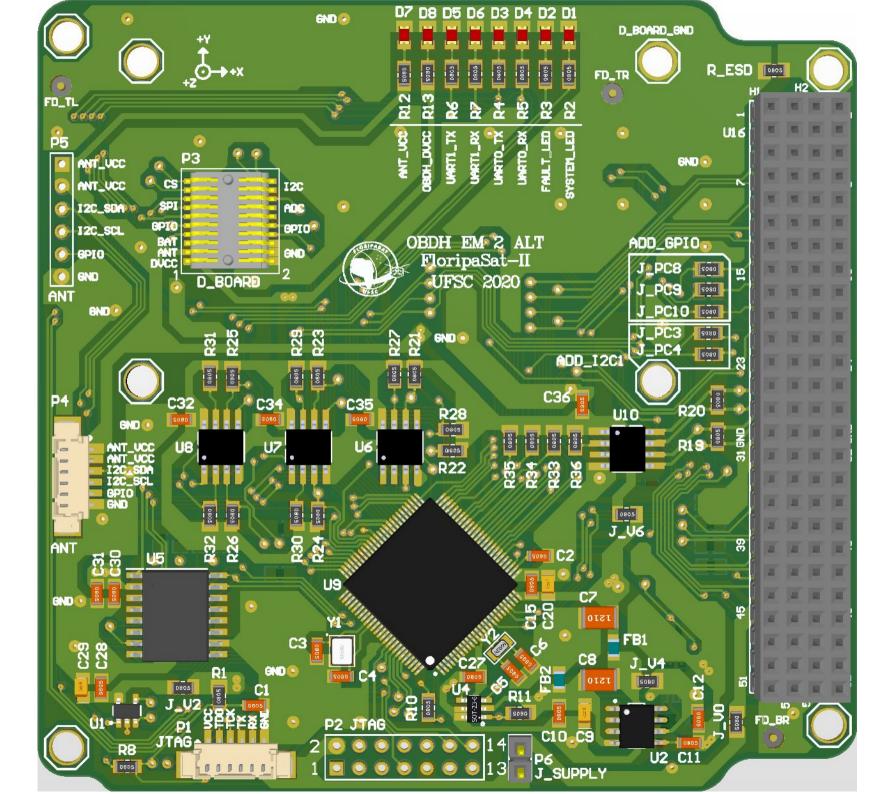
General SPEC:

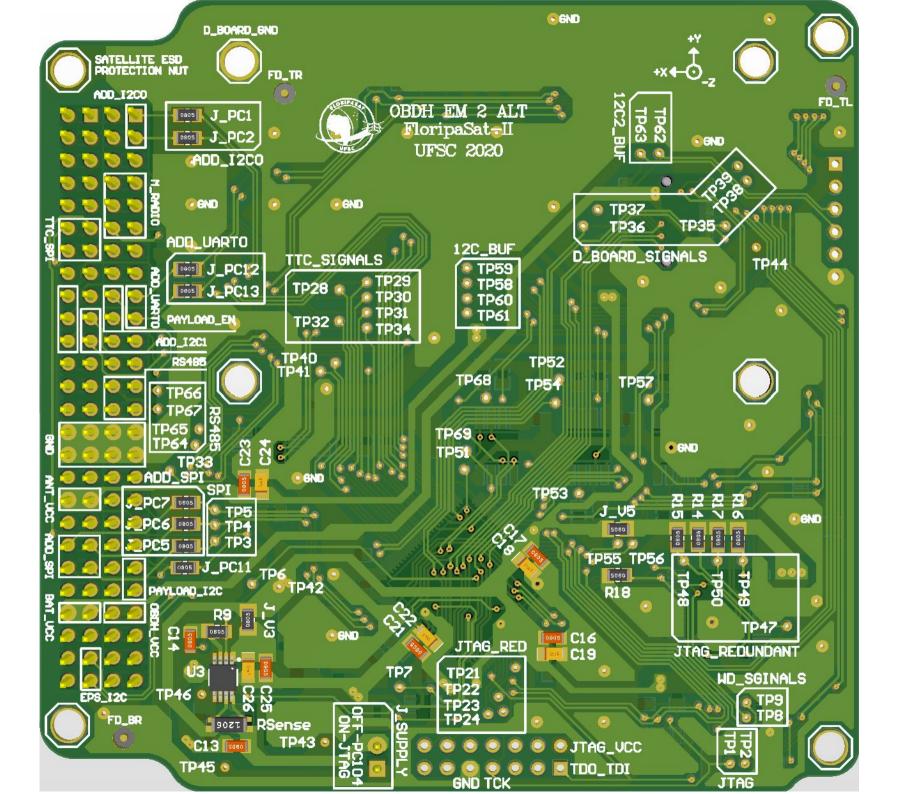
Cupper base 10Z: PCB Material: FR4 PCB Tickness: 1.6mm PCB Surface: ENIG Vias: Force Complete Tenting

TITULO: OBDH 2018		REV.	VER.
UFSC		01	Eng_2_ALT
MATERIAL: FR4	Silkscreen color: green		
Board Tickness: 1.6mm	Layers: 02	Drawing	DATE
PCB Surface: ENIG		Andre M. P. Mattos	01/12/2019









Bill of Materials

Project:

Variant:

OBDH Interface

From: OBDH Eng Model 2 ALT.PrjPcb

OBDH Eng Model 2 ALT.PrjPcb

None

 Creation Date:
 11/01/2020
 00:18:20

 Print Date:
 11-Jan-20
 12:18:29 AM

TCA4311ADR

MSP430F6659I

THVD1451DR

PC104_INTERN PC104

PZ0100A_N

SOIC8

PC104

TCA4311ADR

MSP430F6659I

THVD1451DR

U6, U7, U8

Footprint LibRef Designator Description Quantity CC0805 1nF/16V Cap_Cer_X7R_ CAP CER 1nF 16V 0603 5% nF_16V_0603 CAP CER 0.47UF 50V 10% X7R 0805 CC0805 0.47uF/50V Cap_Cer_X7R_ 0.47uF 50V 08 CC0805 10pF/100V Cap_Cer_X7R_ C3, C4 CAP CER 10pF 100V 0805 10pF_100V_08 CC0805 12pF/50V Cap_Cer_X7R_ C5, C6 CAP CER 12pF 50V 0805 12pF_50V_0805 CC1210 22uF/16\/ Cap_Cer_X7R_ C7, C8 0.01uF_16V_12 CAP CER 22uF 16V 10% X7R 1210 CC0805 Tant 10uF/10V Cap_Tant_SMD _10uF_10V_080 CC0805 0.1uF/25V Cap_Cer_X7R_ C10, C12, C13, C14, C15, C16, C17, C21, CAP CER 0.1UF 25V 10% X7R 0805 0.1uF 25V 080 C23 C25 C27 C28 C36 CC0805 0.01uF/25V C11, C32, C34, C35 CAP CER 0.01uF 25V 10% X7R 0805 0.01uF 50V 08 CC0805 100nF/50V CAP CER 100nF 50V 0603 10% 100nF_50V_06 CC0805 4.7uF/25V Cap_Cer_X7R_ CAP CER 4.7UF 25V 10% X7R 0805 4.7uF_25V_080 D1, D2, D3, D4, D5, D6 0805-I FD LED/R_0603 SMD Orange LED Orange 0805-LED LED/G_0805 SMD Green LED IND0805 30R@100Mhz, FB_30R_3A_10 FB1, FB2 Ferrite Bead 30 OHM 3A 100MHz OMHz 0805 RES 0R OHM 1/16W JUMPER 0805 0805 ROR_JUMPER J_PC1, J_PC2, J_PC3, J_PC4, J_PC5, J_PC6, J_PC7, J_PC8, J_PC9, J_PC10 J_PC11, J_PC12, J_PC13, J_V0, J_V2, J_V3, J_V4, J_V5, J_V6 P1. P4 Header, 6-Pin, Right Angle HDR6 6H_PicoBlade PicoBlade 6H PicoBlade Header 7x2 HDR2X7 Header 7X2 Header, 7-Pin, Dual row FSI-110-03-X-FSI-110-03-X-D- FSI-110-03-X-I D-AD HDR1X6H Header 6H Header 6H Header, 6-Pin, Right Angle HDR 1X2 Header 2H Header 2 Header, 2-Pin R27_5%_1/10W R1, R10, R11 RES 47k OHM 1/10W 1% 0805 0805 R330R_1%_1/4 R2, R3, R4, R5, R6, R7 RES 330R OHM 1/4W 1% 0805 0805 330R W_0805 R10k_1%_1/8W R8, R14, R15, R16, R17, R21, R22, R23, RES 10K OHM 1/8W 1% 0805 0805 10k R24, R25, R26, R27, R28, R29, R30, R31, 0805 R32, R33, R34, R35, R36 0805 12K R1.65K_1%_1/1 R9 RES 1.65K OHM 1/10W 0.1% 0805 0W_0805 R1.0k_1%_1/8 R12, R13 DNP 0805 RES 1.0K OHM 1/8W 1% 0805 W_0805 100k R100k_1%_1/8 RES 100K OHM 1/8W 1% 0805 W 0805 0805 120R R120R_1%_1/4 R19, R20 RES 120R OHM 1/8W 1% 0805 W_0805 0805 11/4 R1000k_1%_1/8 R_ESD RES 1000K OHM 1/8W 1% 0805 W 0805 R0.05R_0.5%_0 Current Sense Resistors - SMD 0.05ohm 1206 - ohmite .5W_1206 .5% 4 Terminal TPS3823-Processor Supervisory Circuit, 1 Supply Monitored, -40 to 85 degC, 5-Pin SOT-23 DBV0005A CMP-0338-33QDBVRQ1 00011-2 (DBV), Green (RoHS & no Sb/Br) SOIC-8 REF5030A-Q1 REF5030A-Q1 REF5030A-Q1 MAX9934TAUA+ MSOP-8 MAX9934TAUA+ MAX9934TAUA+ SOT-23 6L TLV341AIDBVR TLV341AIDBVR TLV341AIDBVR IC FLASH 1GBIT 108MHZ 16SOIC SOIC127P10 MT25QL01GBB MT25QL01GBB 32X265-16N B8ESF-0SIT B8ESF-0SIT

IC SIGNAL BUFFER I2C 8SOIC

IC INTERFACE RS422_RS485 8SOIC