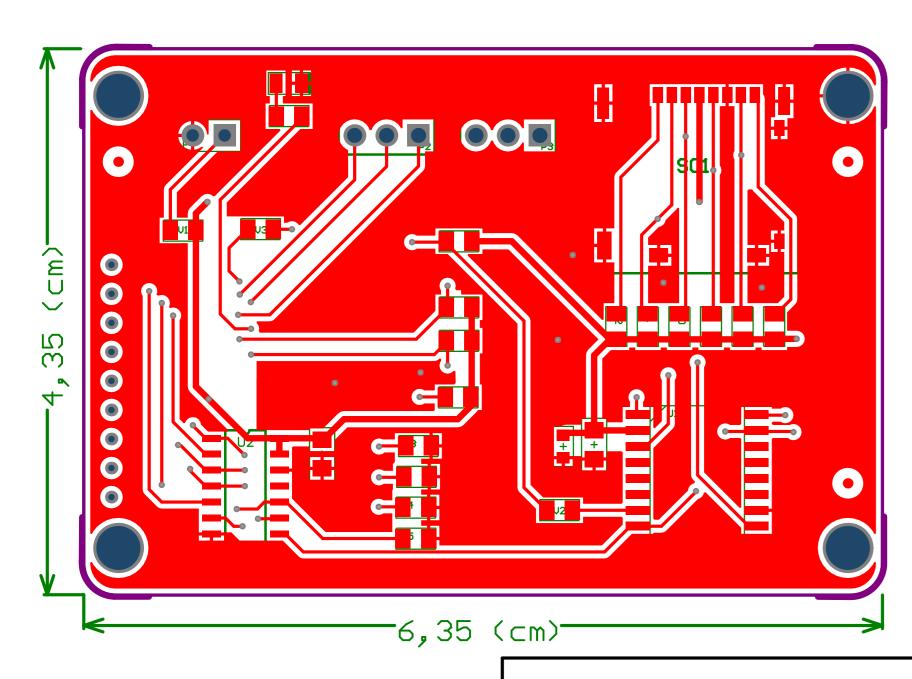


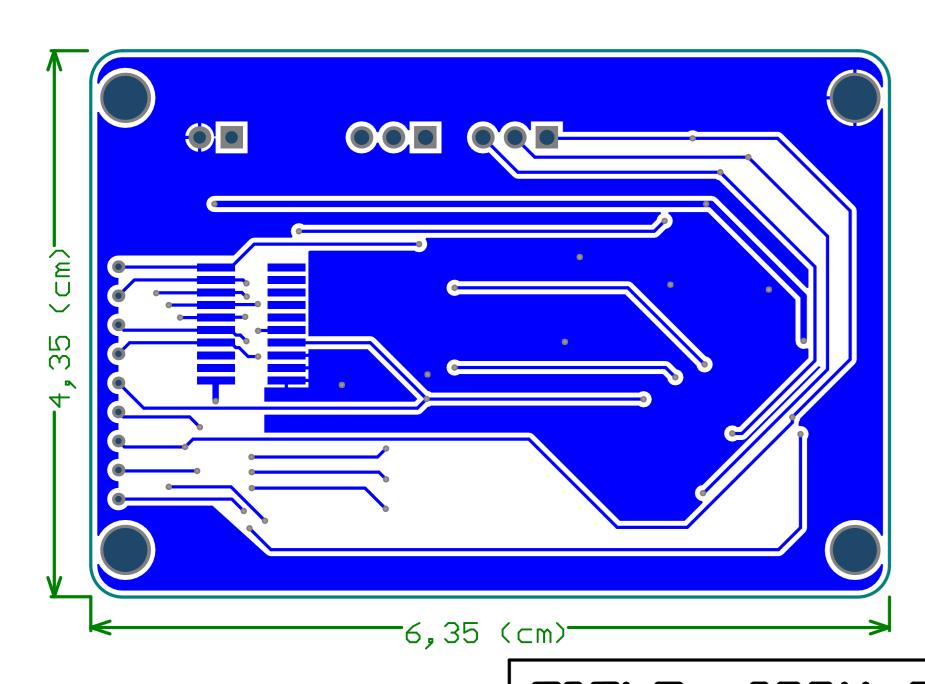
Layer	Name	Material	Thickness	Constant	Board L	ayer Stack	Board Layer Stack	Board Layer Stack	Board L	ayer Stack	Board Layer Stack	Board Layer Stack	Board Layer Stack
1	Top Overlay												
2	Top Solder	Solder Resist	O,010mm	3,5									
3	Top Layer	Copper	0,036mm										
4	Dielectric 1	FR-4	1,600mm	4,8									
5	Bottom Layer	Copper	0,036mm										
6	Bottom Solder	Solder Resist	O,010mm	3,5									
7	Bottom Overlay												



VARIANT: DB_Memory

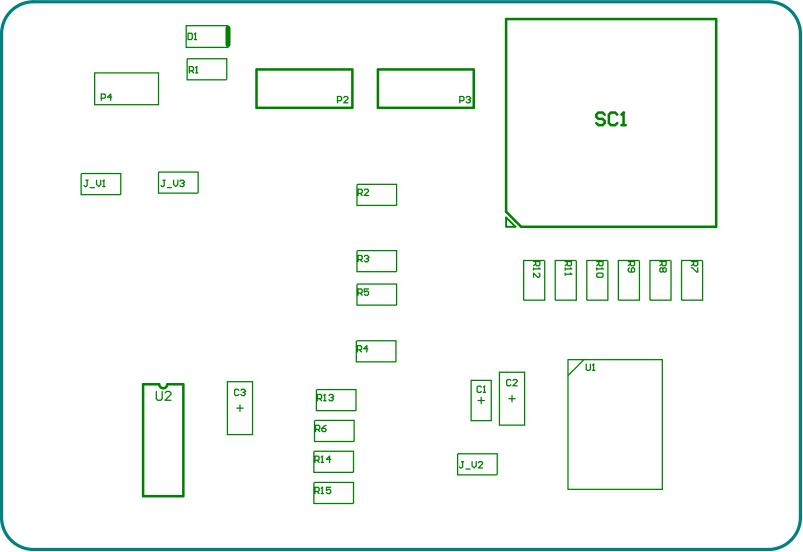
TITLE: OBDH 2.0	REU.1.1 DATE: 21/03/2020					
MATERIAL: FR4	Silkscreen color: yellow	Project: FloripaSat-2				
Board Tickness: 1.69mm	Layers: 02	Space Technology Research Laboraty Federal University of Santa Catarina				
PCB Surface: ENIG		SpaceLab UFSC				

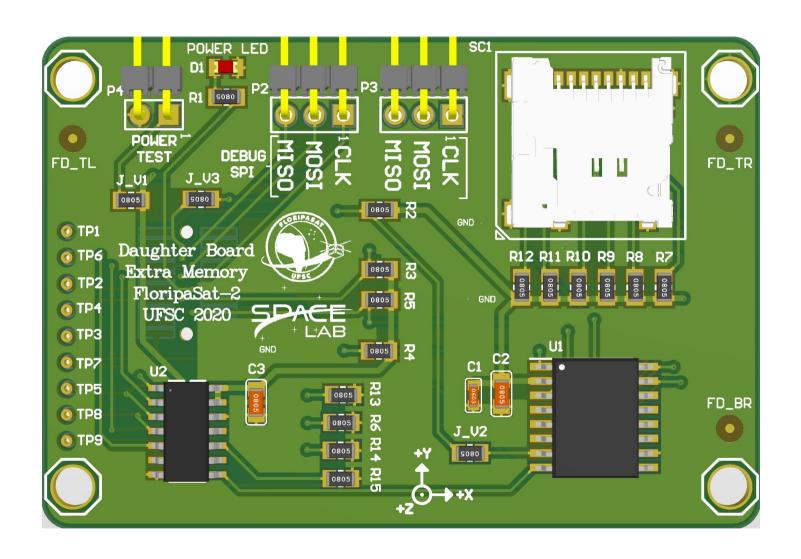
Layer	Name	Material	Thickness	Constant	Board L	ayer Stack	Board Layer Stack	Board Layer Stack	Board L	ayer Stack	Board Layer Stack	Board Layer Stack	Board Layer Stack
1	Top Overlay												
2	Top Solder	Solder Resist	0,010mm	3,5					-				
3	Top Layer	Copper	0,036mm						-				
4	Dielectric 1	FR-4	1,600mm	4,8					-				
5	Bottom Layer	Copper	0,036mm						-				
6	Bottom Solder	Solder Resist	0,010mm	3,5					-				
7	Bottom Overlay								-				

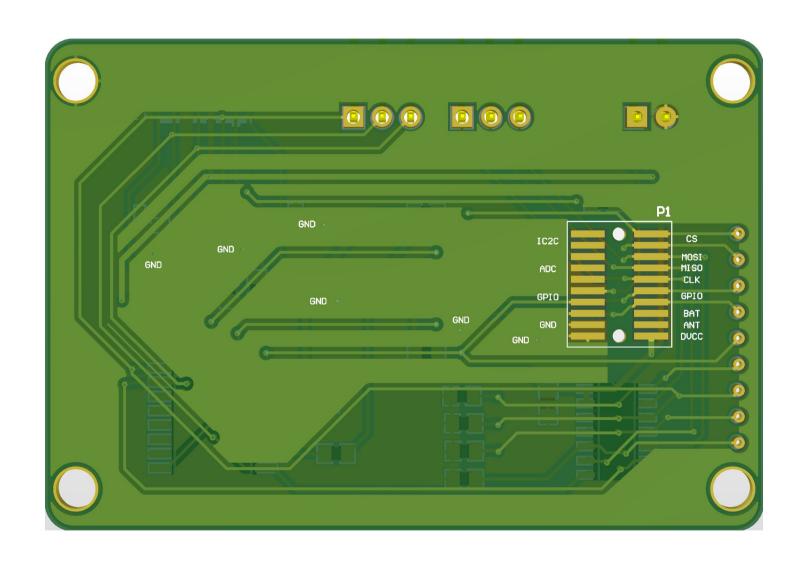


VARIANT: DB_Memory

TITLE: OBDH 2.0	REU. 1.1 DATE: 21/03/2020					
MATERIAL: FR4	Silkscreen color: yellow	Project: FloripaSat-2				
Board Tickness: 1.69mm	Layers: 02	Space Technology Research Laboraty Federal University of Santa Catarina				
PCB Surface: ENIG	l 	SpaceLab UFSC				









Bill of Materials Source Data From: DB_Memory.PrjPCB Project: DB_Memory.PrjPCB Variant: None Project Code: -Parameter ProductCode not found>

Report Date:	21/03/2020	15:45:57
Print Date:	21/03/2020	15:46:11

#	Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2	Manufacturer	Comment	Description	Quantity	Designator	ılumn Name Error a tt	ed
1	Digi-Key	<u>541-10.0KCCT-ND</u>	Mouser	71-CRCW0805-10K-E3	Vishay	10k	RES 10K OHM 1/8W 1% 0805	13	R2, R3, R4, R5, R7, R8, R9, R10, R11, R12, R13, R14, R15		
2						DB Mechanical Hole		4	M1, M2, M3, M4		
3						0R	RES OR OHM 1/16W JUMPER 0805	3	J_V1, J_V2, J_V3		
4						Fiducial		3	FD1, FD2, FD3		
5	Digi-Key	SAM1039-03-ND			Samtec	HEADER 3x	Conn Unshrouded Header HDR 3 POS 2.54mm Solder RA Thru- Hole Automotive Bulk	2	P2, P3		
6						MT25QL01GBBB8ESF- 0SIT	IC FLASH 1GBIT 108MHZ 16SOIC	1	U1		
7	_					WM12834CT-ND	MicroSD CARD Connector	1	SC1		
8	Digi-Key	160-1413-1-ND	Mouser	<u>859-LTST-C170KFKT</u>	Vishay Lite-On	Orange	SMD Orange LED	1	D1		
9	Digi-Key	<u>296-1222-1-ND</u>	Mouser	<u>595-SN74LVC125APWR</u>	Texas Instruments	SN74LVC125APWR	IC BUF NON-INVERT 3.6V 14TSSOP	1	U2		
0	Digi-Key	311-100KCRCT-ND	Mouser	603-RC0805FR-07100KL	Yageo	100k	RES 100K OHM 1/8W 1% 0805	1	R6		
1	Digi-Key	<u>311-1141-1-ND</u>	Mouser	603-CC805KRX7R8BB104	Yageo	0.1uF/25V	CAP CER 0.1UF 25V 10% X7R 0805	1	C3		
12	Digi-Key	<u>311-1401-1-ND</u>	Mouser	603-CC201KRX7R9BB101	Yageo	100nF/50V	CAP CER 100nF 50V 0603 10%	1	C1		
13	Digi-Key	<u>587-2990-6-ND</u>	Mouser	<u>963-TMK212AB7475KG-T</u>	Taiyo Yuden	4.7uF/25V	CAP CER 4.7UF 25V 10% X7R 0805	1	C2		
14	Digi-Key	2019-RK73H2ATTD3300FCT-ND	Mouser	660-RK73H2ATTD3300F	KOA Speer	330R	RES 330R OHM 1/4W 1% 0805	1	R1		
15	Mouser	200-FSI11003GDAD	Digi-Key	SAM9412-ND	Samtec	FSI-110-03-G-D-AD		1	P1		
16	Mouser	200-TSW10208GSRA	Digi-Key	SAM1039-02-ND	Samtec	HEADER 2x	Conn Unshrouded Header HDR 2 POS 2.54mm Solder RA Thru- Hole Automotive Bulk	1	P4		