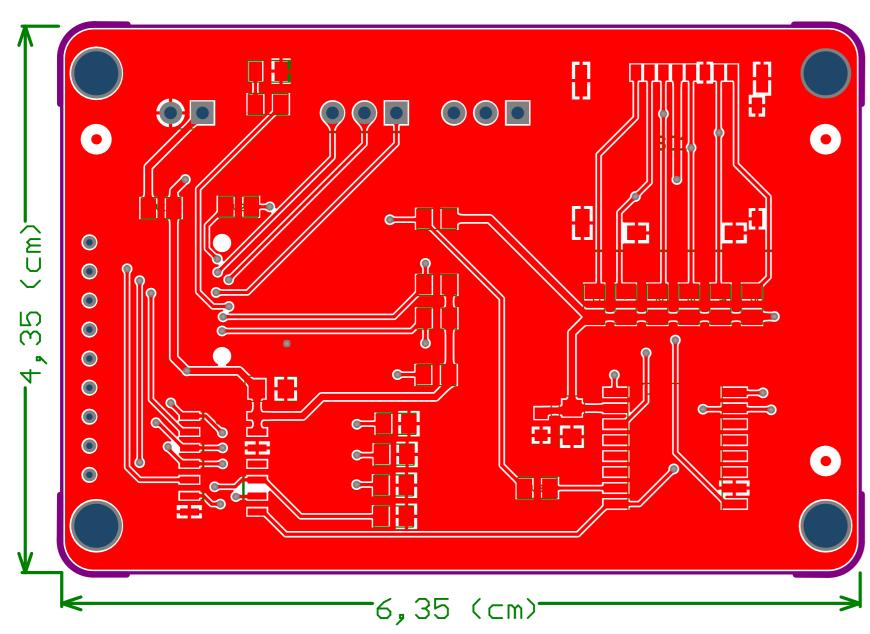
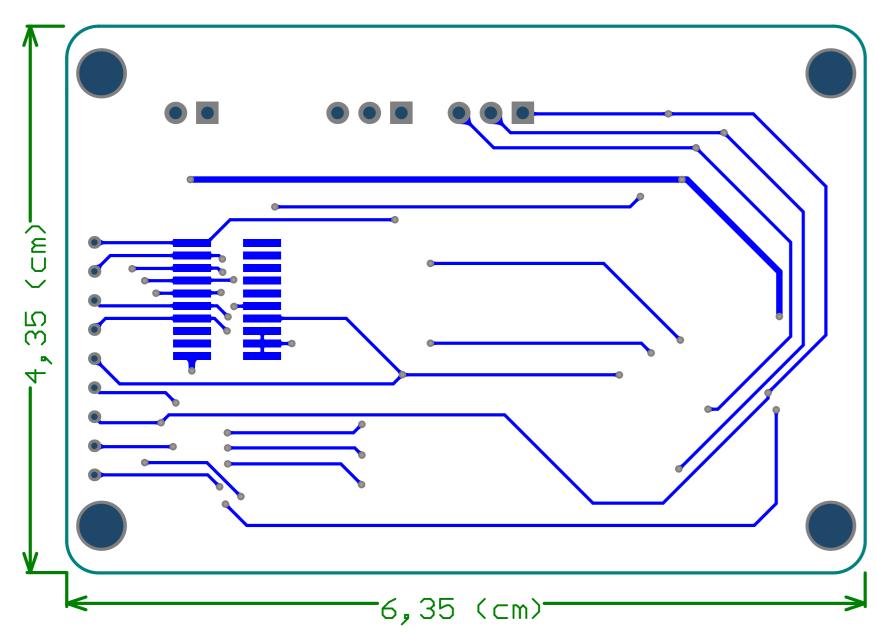


Layer	Name	Material	Thickness	Constant		
1	Top Overlay					
2	Top Solder Resist		O,010mm	3,5 4,8		
3	Top Layer	Copper	0,036mm			
4	Dielectric 1	FR-4	1,600mm	4,8		
5	Bottom Layer	Copper	0,036mm			
6	Bottom Solder	Solder Resist	0,010mm	3,5		
7	Bottom Overlay					

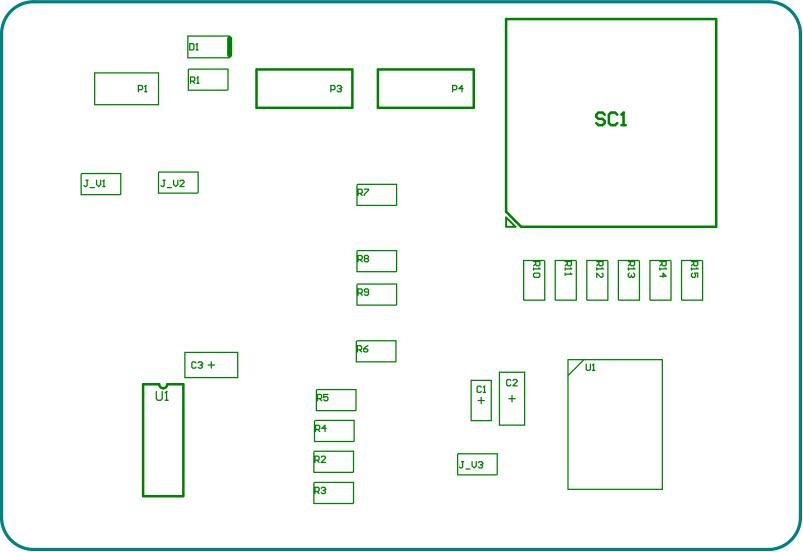


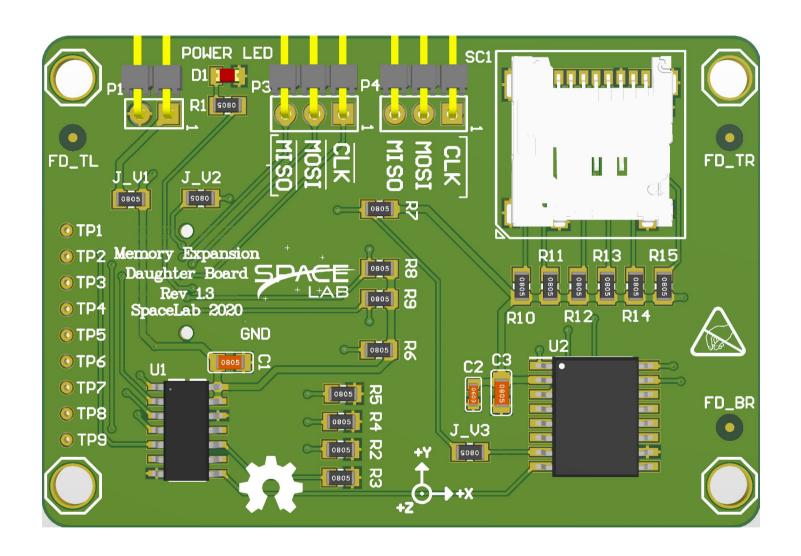
TITLE: OBDH 2.0	REU: 1.3 DATE: 06/05/2020		
MATERIAL: FR4	Silkscreen color: yellow	Project: DB Memory	
Board Tickness: 1.69mm	Layers: 02	Space Technology Research Laborato Federal University of Santa Catarina	
PCB Surface: ENIG	l <del>_</del>	SpaceLab UFSC	

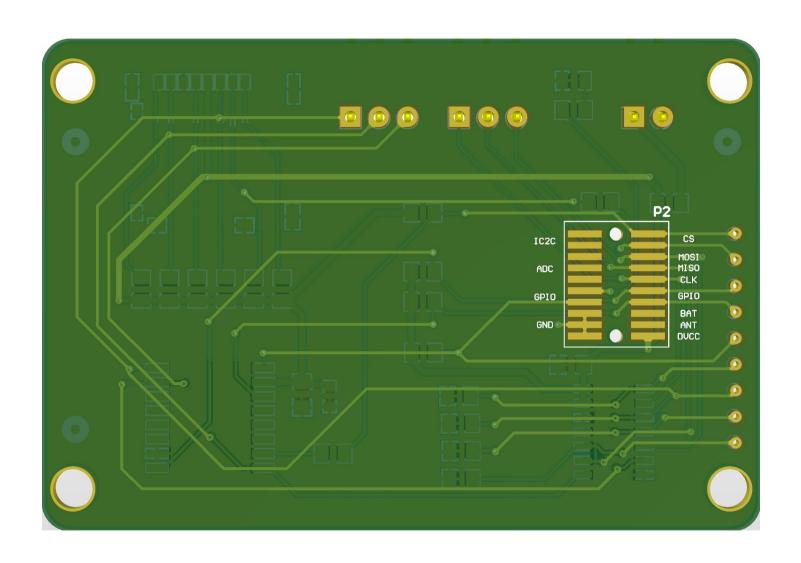
Layer	Name	Material	Thickness	Constant	
1	Top Overlay				
2	Top Solder	Solder Resist	O,010mm	3,5	
3	Top Layer	Copper	0,036mm		
4	Dielectric 1	FR-4	1,600mm	4,8	
5	Bottom Layer	Copper	0,036mm		
6	Bottom Solder	Solder Resist	0,010mm	3,5	
7	Bottom Overlay				



TITLE: OBDH 2.0	REU: 1.3 DATE: 06/05/2020	
MATERIAL: FR4	Silkscreen color: yellow	Project: DB Memory
Board Tickness: 1.69mm	Layers: 02	Space Technology Research Laboraty Federal University of Santa Catarina
PCB Surface: ENIG	Drawing: Yan C. de Azeredo	SpaceLab UFSC









Bill of Materials				
Source Data From:	DB_Memory.PrjPCB			
Project:	DB_Memory.PrjPCB			
Variant:	None			
Project Code:	<parameter found="" not="" productcode=""></parameter>			

Report Date:	07/05/2020	11:22:10
Print Date:	07/05/2020	11:22:30

#	Supplier 1	Supplier Part Number 1	Supplier 2	Supplier Part Number 2	Manufacturer	Comment	Description	Quantity	Designator	lumn Name Error	ted	
1	Digi-Key	541-10.0KCCT-ND	Mouser	71-CRCW0805-10K-E3	Vishay	10k	RES 10K OHM 1/8W 1% 0805	13	R2, R3, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15			
2	Digi-Key	<u>311-0.0ARCT-ND</u>	Mouser	603-RC0805JR-070RL	Yageo	OR	RES OR OHM 1/8W JUMPER 0805	3	J_V1, J_V2, J_V3			
3	Mouser	200-TSW10308GSRA	Digi-Key	SAM1039-03-ND	Samtec	HEADER 3x	Conn Unshrouded Header HDR 3 POS 2.54mm Solder RA Thru- Hole Automotive Bulk	2	P3, P4			
4	Digi-Key	160-1413-1-ND	Mouser	859-LTST-C170KFKT	Vishay Lite-On	Orange	SMD Orange LED	1	D1			
5	Digi-Key	<u>296-1222-1-ND</u>	Mouser	<u>595-SN74LVC125APWR</u>	Texas Instruments	SN74LVC125APWR	IC BUF NON-INVERT 3.6V 14TSSOP	1	U1			
6	Digi-Key	311-100KCRCT-ND	Mouser	603-RC0805FR-07100KL	Yageo	100k	RES 100K OHM 1/8W 1% 0805	1	R4			
7	Digi-Key	<u>311-1141-1-ND</u>	Mouser	603-CC805KRX7R8BB104	Yageo	0.1uF/25V	CAP CER 0.1UF 25V 10% X7R 0805	1	C1			
8	Digi-Key	311-1401-1-ND	Mouser	603-CC201KRX7R9BB101	Yageo	100nF/50V	CAP CER 100nF 50V 0603 10%	1	C2			
9	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	C3			
10	Digi-Key	2019-RK73H2ATTD3300FCT-ND	Mouser	660-RK73H2ATTD3300F	KOA Speer	330R	RES 330R OHM 1/4W 1% 0805	1	R1			
11	Mouser	200-FSI11003GDAD	Digi-Key	<u>SAM9412-ND</u>	Samtec	FSI-110-03-G-D-AD	CONN STACKING 20POS SMD GOLD	1	P2			
12	Mouser	<u>200-TSW10208GSRA</u>	Digi-Key	<u>SAM1039-02-ND</u>	Samtec	HEADER 2x	Conn Unshrouded Header HDR 2 POS 2.54mm Solder RA Thru- Hole Automotive Bulk	1	P1			
13	Mouser	340-278808-TRAY	Digi-Key	<u>557-1789-ND</u>	Micron Technology	MT25QL01GBBB8ESF- 0SIT	NOR Flash Serial-SPI 3V 1Gbit 1024M/512M/256M x 1bit/2bit/4bit 6ns 16-Pin SOP-II	1	U2			
14	Mouser	<u>538-503182-1852</u>	Digi-Key	WM12834CT-ND	Molex	MicroSD Card Connector	MOLEX - 503182-1852 - Micro SD Normal UltraLowPro8CktEmbsTpPkg RoHS Compliant: Yes	1	SC1			