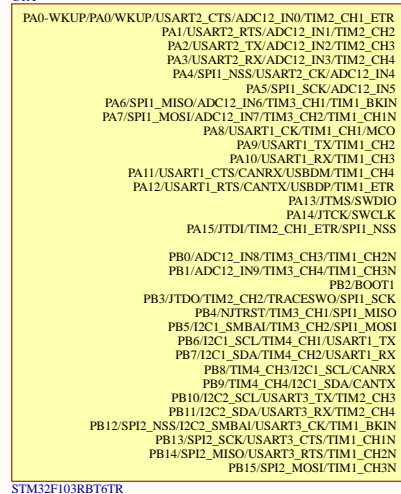


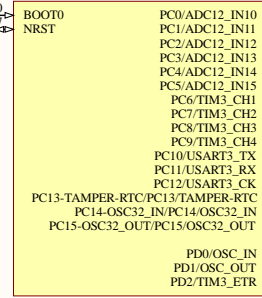
MCU

U1A

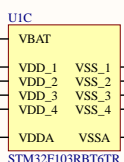


STM32F103RBT6TR

U1B



STM32F103RBT6TR



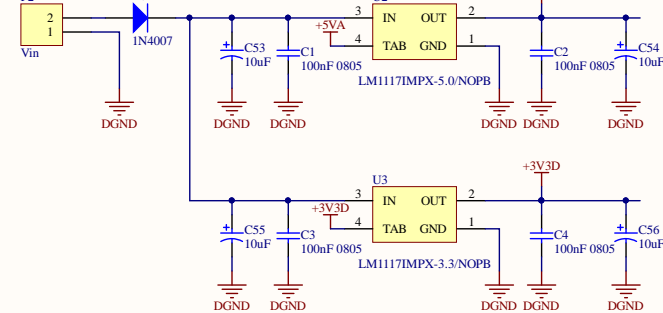
STM32F103RBT6TR

Solder Bridge na SS:
GPIO i Hard SPI

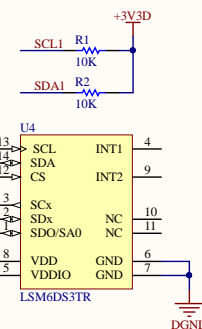


ZASILANIE

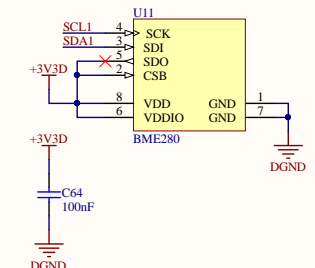
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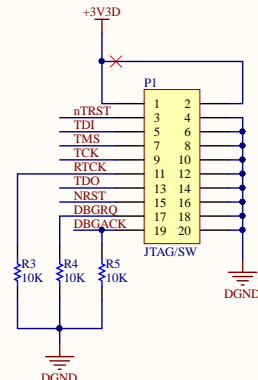
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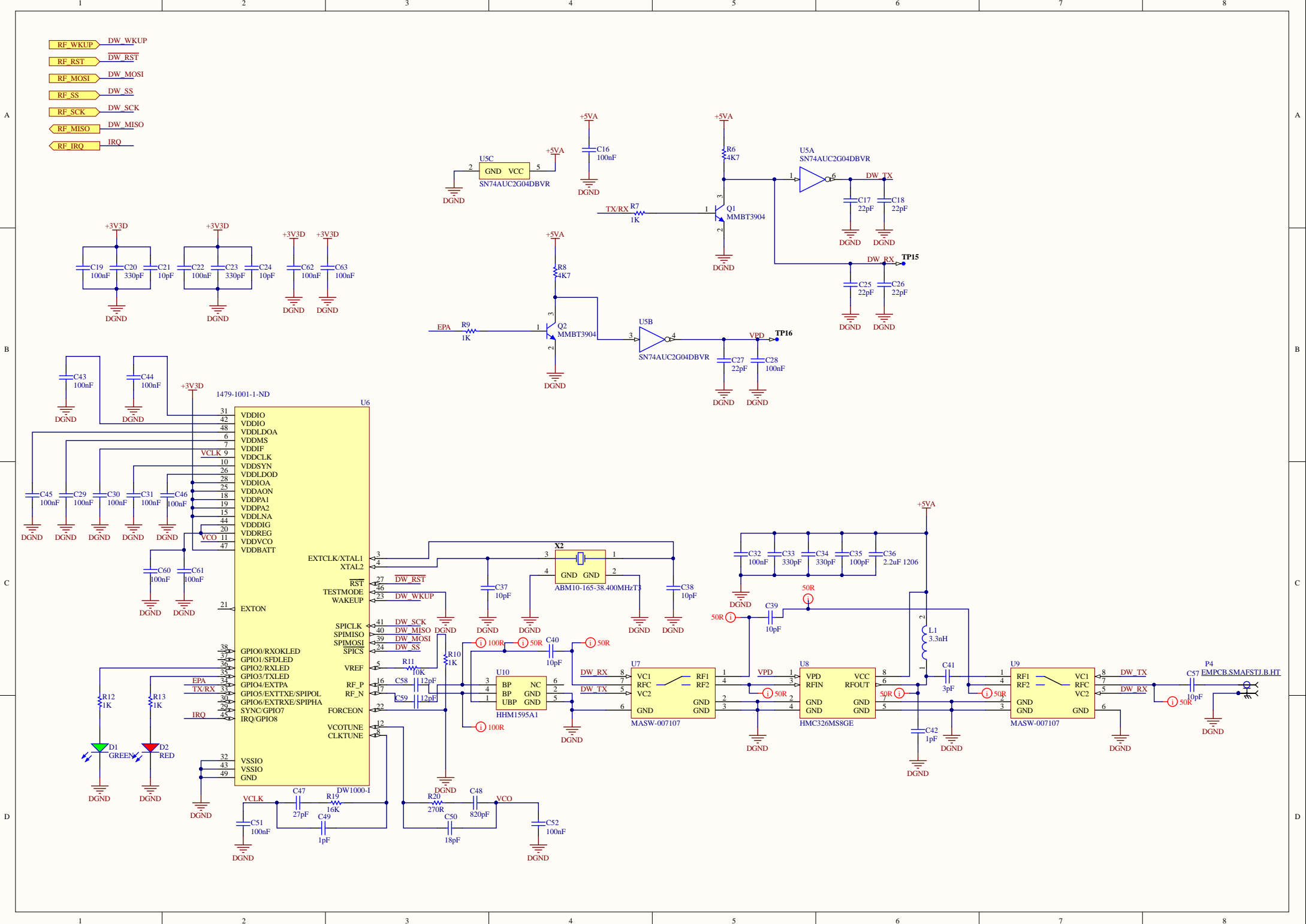


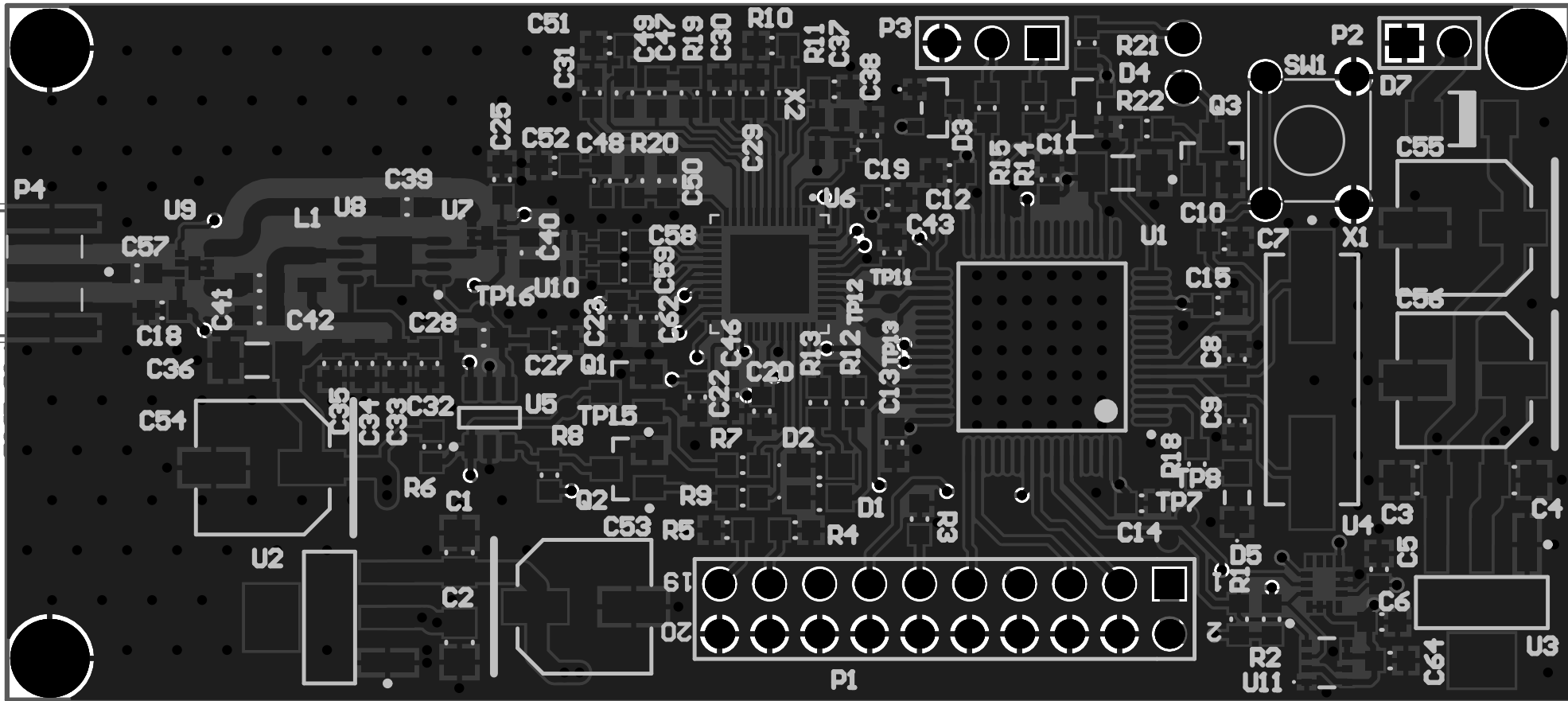
BAROMETR



JTAG/SWD







Comment	Description	Designator	Footprint	LibRef	Quantity
100nF 0805	CAP 100nF 16V ±20%	C1, C2, C3, C4	CAPC0805(2012)_145	CMP-1036-04404-1	4
100nF	CAP 100nF 25V ±20%	C5, C6, C7, C11, C12,	CAPC0603(1608)_100	CMP-1035-02589-1	27
20pF	CAP 20pF 25V ±0.5pF	C8, C9	CAPC0603(1608)_100	CMP-1035-00775-1	2
2.2uF 1206	CAP 2.2uF 25V ±10%	C10, C36	CAPC1206(3216)_190	CMP-1037-04824-1	2
22pF	CAP 22pF 25V ±10%	C17, C18, C25, C26, C	CAPC0603(1608)_100	CMP-1035-00815-1	5
330pF	CAP 330pF 25V ±1%	C20, C23, C33, C34	CAPC0603(1608)_100	CMP-1035-01564-1	4
10pF	CAP 10pF 25V ±0.25pF	C21, C24, C37, C38, C	CAPC0603(1608)_100	CMP-1035-00547-1	7
100pF	CAP 100pF 25V ±10%	C35	CAPC0603(1608)_100	CMP-1035-01265-1	1
3pF	CAP 3pF 25V ±10% 0	C41	CAPC0603(1608)_100	CMP-1035-00213-1	1
1pF	CAP 1pF 25V ±0.1pF	C42, C49	CAPC0603(1608)_100	CMP-1035-00036-1	2
27pF	CAP 27pF 16V ±0.5pF	C47	CAPC0603(1608)_100	CMP-1035-00873-1	1
820pF	CAP 820pF 25V ±1%	C48	CAPC0603(1608)_100	CMP-1035-01828-1	1
18pF	CAP 18pF 16V ±2% 0	C50	CAPC0603(1608)_100	CMP-1035-00737-1	1
10uF	Aluminum Electrolyt	C53, C54, C55, C56	PNSC-FK-V-D_V	CMP-2000-06207-1	4
12pF	CAP 12pF 25V ±5% 0	C58, C59	CAPC0603(1608)_100	CMP-1035-00612-1	2
GREEN	LED GREEN CLEAR 0805	D1	LTST-C170GKT_V	CMP-1674-00002-3	1
RED	LED RED CLEAR 0805	D2	LTST-C170CKT_V	CMP-1674-00001-3	1
BAT54S	Schottky Barrier Diode	D3, D4	NXP-SOT23-3_V	CMP-0417-00005-1	2
AMBER	LED AMBER CLR THIN	D5	LTST-C171AKT_V	CMP-1674-00004-3	1
IR	THT LED round monochrome	D6	Type 3mm	CMP-1488-00005-1	1
1N4007	1 A Rectifier Diode, 100V	D7	KESE-DO-214AC_V	CMP-0983-00001-1	1
3.3nH	Power Multilayer Inductor	L1	SMD 0805-Low profile	CMP-1392-00041-1	1
JTAG/SW	Header, 10-Pin, Dual In-Line	P1	HDR2X10	Header 10X2	1
Vin	Header, 2-Pin	P2	HDR1X2	Header 2	1
Serial Out	Header, 3-Pin	P3	HDR1X3	Header 3	1
EMPCB.SMAFSTJ.B.H	Conn SMA F 0Hz to 10GHz	P4	*TAOGLAS_EMPCB.SMAFSTJ.B.H	EMPCB.SMAFSTJ.B.H	1
MMBT3904	NPN General Purpose Transistor	Q1, Q2, Q3	FAIR-SOT23-3_V	CMP-1670-00008-1	3
10K	10K 0.1W 1% 0603 (1608)	R1, R2, R3, R4, R5, R13	RESC0603(1608)_N	CMP-1012-00623-1	6
4K7	4K7 0.1W 1% 0603 (1608)	R6, R8	RESC0603(1608)_N	CMP-1012-00586-1	2
1K	1K 0.1W 1% 0603 (1608)	R7, R9, R10, R12, R13	RESC0603(1608)_N	CMP-1012-00510-1	7
22R	22R 0.1W 1% 0603 (1608)	R14, R15	RESC0603(1608)_N	CMP-1012-00320-1	2
Jumper	Jumper 0805 (2012)	R16, R17	RESC0805(2012)_N	CMP-1013-00001-1	2
16K	16K 0.1W 1% 0603 (1608)	R19	RESC0603(1608)_N	CMP-1012-00644-1	1
270R	270R 0.1W 1% 0603 (1608)	R20	RESC0603(1608)_N	CMP-1012-00444-1	1
330R	330R 0.1W 1% 0603 (1608)	R21	RESC0603(1608)_N	CMP-1012-00454-1	1
4,30156E+11	WS-TATV THT Tact Switch	SW1	4,30156E+11	CMP-1453-00001-1	1
STM32F103RBT6TR	ARM Cortex-M3 32-bit	U1	STM-LQFP64_N	CMP-0237-00169-2	1
LM1117IMPX-5.0/NC	800mA Low-Dropout Voltage Regulator	U2	MP04A_M	CMP-0062-01628-2	1
LM1117IMPX-3.3/NC	800mA Low-Dropout Voltage Regulator	U3	MP04A_M	CMP-0062-01632-1	1
LSM6DS3TR	iNEMO Inertial Module	U4	LGA-14_2500X3000X	CMP-2000-05193-1	1
SN74AUC2G04DBVR	Dual Inverter Gate, 2V	U5	DBV0006A_M	CMP-0859-00201-3	1
DW1000-I	Ic Rf Txrx 802.15.4 4800Mbps	U6	QFN40P600X600X90	DW1000-I	1
MASW-007107	RF Switch ICs DC-8.0GHz	U7, U9	PSON50P200X100_H	MASW-007107-TR30	2
HMC326MS8GE	ANALOG DEVICES	U8	TSOP65P490X110_H	HMC326MS8GE	1
HHM1595A1	Multilayer Balun, 300ohm	U10	TDK-HHM1595A1_V	CMP-2000-07459-1	1
BME280	Combined Humidity, Temperature, and Pressure Sensor	U11	BOSC-BME280-8_V	CMP-2000-05073-1	1
8.000MHZ	Low Profile Crystal, 8MHz	X1	ABRA-ABLS-14.74561	CMP-2000-05726-1	1
ABM10-165-38.400MHz	Ceramic SMD Ultra Thin	X2	ABRA-ABM10_V	CMP-2000-05727-1	1