Comment	Description	Designator	Footprint	LibRef	Quantity
1206_C-22uF-25V	Capacitor	C1, C2, C16, C17, C35, C36, C37, C39	1206_C	Cap	8
0402_C-100nF-50V	Capacitor	C3, C4, C5, C6, C7, C13, C14, C24, C30, C38	0402_C	Cap	10
0402_C-470nF-16V	Capacitor	C8, C15	0402_C	Cap	2
0402_C-1uF-25V	Capacitor	C9, C10, C11, C12, C20, C21, C23, C27, C28, C29	0402_C	Cap	10
1206_C-4.7uF-50V	Capacitor	C18, C19	1206_C	Cap	2
0603_C-1uF-50V	Capacitor	C22	0603_C	Cap	1
0402_C-20pF-50V	Capacitor	C25, C26	0402_C	Cap	2
0402_C-4.7nF-50V	Capacitor	C31	0402_C	Cap	1
0805_C-22uF-16V	Capacitor	C32, C33	0805_C	Cap	2
0402_C-10pF-50V	Capacitor	C34	0402_C	Cap	1
3225_L-4.7uH-620mA-±20%	Inductor	L1	3x3x1.5-22uH-0.60A	Inductor	1
6.8uH-±20%	Inductor	L2	6.8uH	Inductor	1
BH-19-223		LED1	0603_Dx2	BH-19-223	1
FPC15-0R5-L	Header, 17-Pin	P1	FPC15-0R5-L	Header 17	1
SM03B-SURS-TF	Header, 5-Pin	P2	SM03B-SURS-TF	Header 5	1
SM06B-SURS-TF	Header, 8-Pin	P3	SM06B-SURS-TF	Header 8	1
0402_R-0R-1%	Resistor	R1, R2, R3, R4, R14, R15	0402_R	Res2	6
0402_R-10K-1%	Resistor	R5, R16, R17, R25, R30, R33	0402_R	Res2	6
0402_R-4.7K-1%	Resistor	R6, R7, R8, R9, R10, R11, R12, R13, R31, R32	0402_R	Res2	10
0402_R-100K-1%	Resistor	R18, R19	0402_R	Res2	2
0402_R-1M-1%	Resistor	R20	0402_R	Res2	1
0402_R-20K-1%	Resistor	R21	0402_R	Res2	1
0402_R-160K-1%	Resistor	R22	0402_R	Res2	1
0402_R-12K-1%	Resistor	R23	0402_R	Res2	1
0402_R-3.9K-1%	Resistor	R24	0402_R	Res2	1
0402_R-143K-1%	Resistor	R26	0402_R	Res2	1
0402_R-10.2K-1%	Resistor	R27	0402_R	Res2	1
0402_R-100R-1%	Resistor	R28	0402_R	Res2	1
0805_R-0R-1%	Resistor	R29	0805_R	Res2	1
1		TP1, TP2, TP3, TP4, TP5, TP6, TP7, TP8, TP11, TP12, TP13, TP14, TP15, TP16, TP17, TP18, TP19, TP20	Test_P_3	TP	18
NC_ICM-20689		U1	ICM-20689-QFN50P	ICM-20689	1
MP6536DU-LF-Z		U2, U3	MP6536DU-QFN40P	MP6536DU-LF-Z	2
MP1471A		U4	SOT23-6	MP1471A	1
MP9840GL-Z		U5	MP9840GL-Z-QFN-16	MP9840GL-Z	1
STM32F303CBT6		U6	STM32F303PQFP-48N	STM32F303CBT6	1
12.000000MHz-12Pf		Y1		12.000000MHz-12Pf	1