

component list				
description	ID	pkg	part	qty
22uF	C1	0805	GRT21BR61E226ME13L	1
4.7uF	C2	0603	CGB3B1X5R1A475K055AC	1
100uF	C3, C4	0805	GRM21BR60J107ME15L	2
220nF	C5	0603	GCM188R71E224KA55D	1
100nF	C6, C8, C11, C12, C14, C16, C19, C20, C21, C23, C24, C25, C26, C27, C28, C31, C32	0402	CL05F104ZO5NNNC	17
1uF	C7	0603	CL10A105KQ8NNNC	1
470nF	C9	0402	GRT155C81C474ME01D	1
100uF	C10, C17, C22	0603	F980J107MMAAXE	3
10uF	C18	EIA3216	TAJA106K006RNJ	1
10nF	C29	0402	C0402C103K4RECAUTO	1
2.2uF	C30	0402	GRT155C81C225KE13D	1
BNO055	IC1	LGA 28	BNO055	1
NB679A	IC2	QFN-12 2x3	NB679AGD-P	1
STM32F103C8T6	IC3	LQFP48	STM32F103C8T6	1
DRV8833PWP	IC4	TSSOP16	DRV8833PWP	1
1.5uH	L1	6x6	NRS6028T1R5NMGJ	1
LED BLUE	LED1, LED2, LED3	0603	LTST-C193TBKT-5A	3
LED RED	LED4	0603	LTST-C190KRKT	1
BAS40-05-7-F	Q2	SOT23	BAS40-05-7-F	1
10k	R1, R6, R13, R18	0402	RR0510P-103-D	4
100k	R2, R19, R20	0402	RR0510P-104-D	3
1k	R3, R17	0402	RR0510P-102-D	2
2M	R4	0603	RC0402JR-072ML	1
3.3	R5	0603	RL0816S-3R3-F	1
270k	R10	0402	RC0402FR-07270KL	1
150k	R11	0402	CPF0402B150KE1	1
4k7	R12	0402	RC0402FR-074K7L	1
22	R14, R15	0402	RC0402FR-0722RL	2
1k5	R16	0402	RC0402FR-071K5L	1
100	R21	0402	RR0510P-101-D	1
MCP2221A	U1	QFN 4x4	MCP2221A-I/ML	1
AZ1117IH-3.3	U2	SOT23	AZ1117IH-3.3TRG1	1
BM02B-SRSS-TB	X1, X2		BM02B-SRSS-TB	2
BM04B-SRSS-TB	X4, X5		BM04B-SRSS-TB	2
BM10B-SRSS-TB	X3		BM10B-SRSS-TB	1
B2P-VH(LF)(SN)	XA1, XA2		B2P-VH(LF)(SN)	2
8MHz	Y1		8MHz - CSTNE8M00GH5L000R0	1