



Title		
Size	Number	Revision
A4		
Date:	22.05.2018	Sheet of
File:	C:\MyWork\lcc1310_Temp.SchDoc	Drawn By:

Item #	Value	Designator	PackageReference	Description	Quantity	PartNumber	Alternate PartNumber
1		BH1	CR2032	CR2032 Battery holder	1	3003	BH1
2	100nF	C3, C4, C6, C9, C10, C20, C23	0402	CAPACITOR, CERAMIC X7R, 100nF, 6.3V, -10%/+10%, -55DEGC/+125DEGC, 0402, SMD	7	GRM155R70J104KA01D	C3
3	22uF	C5, C8	0603	CAPACITOR, CERAMIC, X5R, 22uF, 6.3V, -20%/+20%, -55DEGC/+85DEGC, 0603, SMD	2	GRM188R60J226MEA0D	C5
4	100pF	C16	0402	CAPACITOR, CERAMIC C0G/NP0, 100pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD	1	GRM1555C1H101JA01D	C16
5	12pF	C17, C18	0402	CAPACITOR, CERAMIC C0G/NP0, 12pF, 50V, -5%/+5%, -55DEGC/+125DEGC, 0402, SMD	2	GRM1555C1H120JA01D	C17
6	1uF	C19	0402	CAPACITOR, CERAMIC X5R, 1uF, 10V, -10%/+10%, -55DEGC/+85DEGC, 0402, SMD	1	GRM155R61A105KE15D	C19
7		FID1	Fiducial	Fiducial mark. There is nothing to buy or mount.	1	N/A	
8		FL1	0603	FILTER, EMI, 1500@100MHz, -55DEGC/+125DEGC, 0603, SMD	1	BLM18HE152SN1D	FL1
9		FL2	SMD	IPC FILTER for CC1310	1	0850BM14E0016T	FL2
10		J14	SMD	CONN JSC RCPT SMD	1	MM5829-2700RJ4	J14
11	6.8 uH	L1	0805	INDUCTOR, CHIP, FERRITE CORE, 6.8uH, -20%/+20%, IR:1.1A, -55DEGC/+125DEGC, 0805, SMD	1	MLZ2012N6R8LT000	L1
12		P1, P2, P3, P4, P5, P6, P7			7	TestPoint	
13	100k	R1	0402	RESISTOR, THICK FILM, 100k, -1%/+1%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	1	RC0402FR-07100KL	R1
14	DNM	R5, R6, R11	DNM	RESISTOR, THICK FILM, 0, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	3	CRCW04020000Z0ED	R5
15	10k	R7, R8, R12	0402	RESISTOR, THICK FILM, 10k, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	3	RC0402JR-0710KL	R35
16	0	R9, R10	0402	RESISTOR, THICK FILM, 0, -5%/+5%, 0.063W, 50V, -55DEGC/+155DEGC, 0402, SMD	2	CRCW04020000Z0ED	R5
17		U1	QFN32	IC, ANALOG, CUSTOM, CC1310 4x4, QFN32, SMD	1	CC1310F128RSMR	U1
18		U2	BGA-8	Low Power, High Accuracy Digital Humidity Sensor with Temperature Sensor, YPA0008AGAE	1	HDC1010YPAR	U13
19	32.768 kHz	Y1	SMD	CRYSTAL, RESONATOR, 32.768kHz, -20PPM/+20PPM, -40DEGC/+85DEGC, SMD	1	FC-135 32.7680KA-AG0	Y1
20	24 MHz	Y2	SMD	CRYSTAL, OSCILATOR, 24MHz, -40DEGC/+85DEGC, SMD	1	TSX-3225 24.0000MF20G-AC3	Y2
21	9.1nH	Z1	0402	INDUCTOR, RF, CHIP, NON-MAGNETIC CORE, 9.1nH, -2%/+2%, 0.54A, -55DEGC/+125DEGC, 0402, SMD	1	LQW15AN9N1G00D	L24
22	0.6pF	Z2	0402	CAPACITOR, CERAMIC C0G/NP0, 0.6pF, 50V, -0.1pF/+0.1pF, -55DEGC/+125DEGC, 0402, SMD	1	GRM1555C1HR60BA01D	C220
23	5.1nH	Z3	0402	INDUCTOR, RF, CHIP, NON-MAGNETIC CORE, 5.1nH, -0.2nH/+0.2nH, 0.6A, -55DEGC/+125DEGC, 0402, SMD	1	LQW15AN5N1C00D	L164
24	5.6pF	Z4	0402	CAPACITOR, CERAMIC C0G, 5.6pF, 50V, -0.25pF/+0.25pF, -55DEGC/+125DEGC, 0402, SMD	1	GRM1555C1H5R6CA01D	C221
25	10nH	Z5	0402	INDUCTOR, RF, CHIP, NON-MAGNETIC CORE, 10nH, -5%/+5%, 0.5A, -55DEGC/+125DEGC, 0402, SMD	1	LQW15AN10NJ00D	L111