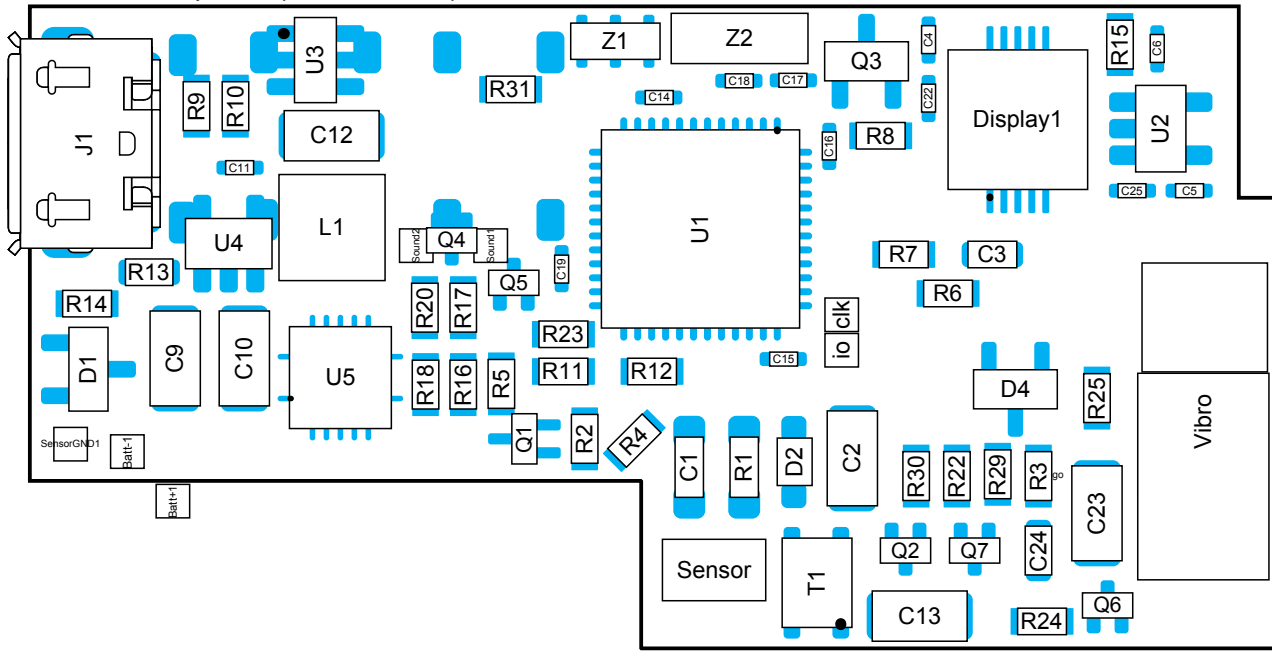
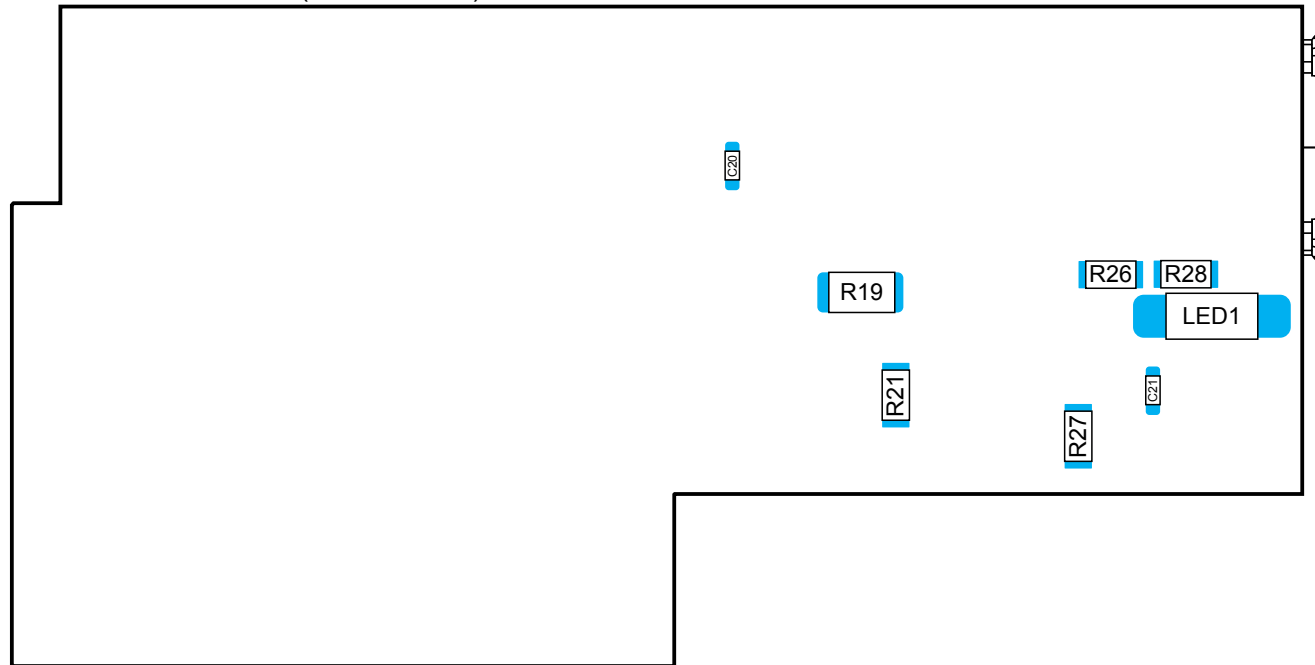


View from Top side (Scale 3.6914)



View from Bottom side (Scale 3.7919)



### Bill Of Materials

Designator	Comment	Quantity	Order
Batt+1		1	EEMB LP401230
Batt-1, clk, io, Logo, SensorGND1, Sound2		6	
C1	10pF 1KV	1	VJ0805A100JXGAT5Z
C10	100nF	1	CC1206KKX7R0BB104
C12	22uF	1	GRM31CR61E226KE15L
C13	10uF	1	GRM31CR61A106KA01L
C17, C18	10pF	2	GRM1555C1H100JA01D
C2	10nF 600V	1	1206CC103KAT1A
C24	10nF	1	GRM188R71H103KA01D
C3	220pF	1	CC0603JRNPO9BN221
C4, C14-C16, C19, C22, C25	100nF	7	0402ZD104KAT2A
C5, C6, C11, C20, C21	1uF	5	CC0402KRX5R5BB105
C9, C23	4u7	2	CC1206KKX7R8BB475
D1	BAR43C	1	BAR43C
D2	DA2JF8100L	1	DA2JF8100L
D4	BAV99	1	BAV99
Display1	Nokia 2760	1	Nokia 2760 ext + Socket Hirose DF23C-10DS-0.5V
J1	Micro-USB	1	Molex 47346-0001
KEY1-KEY3	Menu	3	IT-1187-160GM-G
L1	10uH	1	IFSC1515AHER100M01
LED1	KPTD-3216SECK	1	KPTD-3216SECK
Q1	BC857CT	1	BC857CT
Q2, Q4-Q7	RUM002N05T2L	5	RUM002N05T2L
Q3	IRLML6401	1	IRLML6401
R1	10M 400V	1	RCV080510M0FKEA
R13	62K	1	RC0603JR-0762KL
R14, R29, R30	470R	3	RC0603JR-07470RL
R15	150R	1	RC0603FR-07150RL
R16	3.3M	1	RC0603FR-073M3L
R17	2.7M	1	RC0603FR-072M7L
R18	7.5M	1	RC0603FR-077M5L
R19	360R	1	RC0805FR-07360RL
R2, R28	1.5k	2	RC0603FR-071K5L
R20	6.04M	1	CRCW06036M04FKEA
R21	5.1M	1	RC0603FR-075M1L
R23, R26, R31	1k	3	RC0603FR-101KL
R25	15R	1	RC0805FR-0715RL
R27	22R	1	CR0603-JW-220GLF
R3-R5, R8, R11, R12, R22, R24	10k	8	RC0603FR-1010KL
R6	150k	1	RC0603FR-07150KL
R7	4.3k	1	ERJ3GEYJ432V
R9, R10	0R	2	RC0603JR-100RL
Sensor		1	SBM-10
Sound1		1	7BB-12-9
T1	ATB322515-0110	1	ATB322515-0110
U1	STM32L152CUB6	1	STM32L152CUB6
U2	TPS60400DBV	1	TPS60400DBV
U3	USBLC6-2	1	USBLC6-2
U4	MCP73831T-2ACI/OT	1	MCP73831T-2ACI/OT
U5	TPS62736RGYT	1	TPS62736RGYT
Vibro	Motor	1	Vibro from EBAY 4HOBBY
Z1	8MHZ_cap	1	CSTCE8M00G55-R0
Z2	32,768 KHZ	1	ABS10-32.768KHZ-7-T