

**A** **B** **C** **D** **E**

**View from Top side (Scale 2:1)**

**Realistic View**

**Bill Of Materials**

Line #	Designator	Quantity	Value	PartNumber
1	C1, C2, C4, C5, C6, C7, C10, C14, C17, C18, C19, C22, C23, C24, C25, C27, C28, C31, C39, C40	20	0.1µF	CC0402KRX7R7BB104
2	C3, C15, C16, C21, C26, C33, C34, C37, C38	9	10µF	CC0805MKX7R7BB106
3	C8, C9	2	DNP	DNP
4	C11, C12, C13	3	33pF	CC0402JRNP09BN330
5	C20	1	11mF	F930J107KAAJ6
6	C29, C30	2	15pF	CC0402JRNP09BN150
7	C32	1	100µF	TCJA107M006R0100
8	C35	1	10nF	CC0402KRX7R9BB103
9	C?	1	2200µF	A759MS228M0JAAE013
10	D1	1		BMA400
11	D2	1		MX25L3233FZNI-08Q
12	D3	1		M66FB
13	D4	1		ESDA6V1-5SC6
14	D5	1		STM32L071CBT6
15	D6	1		TPS7A0333PDBVR
16	D7	1		PAM2401SCADJ
17	D8	1		SI7055-A20-IM
18	FU1	1		OZCJ0100FF2E
19	J1	1		
20	L1	1	1 kOhms @ 100MHz	LQG15HSR10J02D
21	L2	1	2.2µH	CVH252009-2R2M
22	R1, R2, R3, R4, R5, R7, R8, R15, R16, R20, R22, R25, R26, R28, R29, R30, R35, R36, R37, R40, R43, R52, R57, R58, R59, R66	26	22R	RC0402FR-0722RL
23	R6, R13, R39	3	1K	RC0402FR-071KP
24	R9, R10, R11, R17, R19, R23, R24, R27, R32, R34, R42, R45, R49, R50, R56, R60, R64, R69, R70	19	10K	RC0402FR-0710KL
25	R12, R18, R41	3	5.6K	RC0402FR-075K6L
26	R14, R21	2	470R	RC0402FR-07470RL
27	R31, R44, R47, R48	4	470R	RC0402FR-07470RL
28	R33	1	0R	RC0402JR-070RL
29	R38, R46, R54, R55, R61	5	220R	RC0402FR-07220RL
30	R51, R62	2	1M	RC0402FR-071ML
31	R53, R67	2	2M	RC0402FR-072ML
32	R63	1	562K	RC0402FR-07562KL
33	R65	1	330K	RC0402FR-07330KL
34	R68	1	100K	RC0402FR-07100KL
35	VD1, VD2, VD3, VD4, VD5, VD6, VD7, VD8, VD9, VD10, VD15, VD16, VD17, VD18	14		PESD5V0L1UB
36	VD11, VD12, VD13	3		APT2012LSECK/J3-PRV
37	VD14	1		MBR130T1G
38	VT1, VT3	2		A03419
39	VT2, VT4, VT5, VT6	4		BC847CLT1G
40	X1	1		KLS1-207-1-02-S
41	X2, X3	2		KLS1-207-1-03-S
42	X4	1		KLS1-207-1-02-S
43	X5	1		KLS2-308V-2.54-03P-4S
44	X6	1		A-1JB
45	X7	1		SIM8051-6-0-14-00-A
46	X8	1		KLS1-207-1-05-S
47	X9	1		KLS2-308V-2.54-02P-4S
48	Z1	1		FC-135 32.7680KA-A5