

### III Parts List

#### 1. Transmitter Parts List

Item Number	Quantity	Ref. Number	Value
1	1	C1	1u
2	1	C2	0.1u
3	1	C3	0.22u
4	1	C4	0.1u
5	1	C5	0.047u/250v
6	1	C6	0.047u/250v
7	1	C7	0.047u/250v
8	1	C8	0.5p
9	1	C9	470p
10	1	C10	4.7u
11	1	C11	0.1u
12	1	C12	33p
13	1	C13	15p/200v
14	1	C15	0.01u
15	1	C16	1u
16	1	C23	220p
17	1	C24	220p
18	1	R1	100k
19	1	R2	16.2k
20	1	R3	1.15M
21	1	R4	1.1

22	1	R6	10
23	1	R11	100
24	1	R14	36
25	1	R15	150
26	1	R16	150
27	1	R18	3.6k
28	1	R20	10
29	1	R23	510
30	1	L1	1000u
31	1	L5	50n
32	1	L6	33n
33	1	U2	MAX668
34	1	U3	FDS2070
35	1	U4	MAX626
36	1	Q3	NE94433
37	1	Q4	NE94433
38	1	D2	CMR1U-02M
39	1	D3	MA44769

## 2. Receiver parts List

Item	Quantity	Reference Number	Value
1	1	C4	4.7U/16V
2	45	C6,C15,C34,C37,C41,C56, C64,C65,C67,C70,C72,C75, C81,C85,C86, C88,C90,C95,C96,C97,C100,C102,C104,C108,C109,C113,C115,C118, C119,C121,C122,C123,C126,C128,C131,C133,C137,C138,C140,C147, C148,C149,C150,C152,C155	0.1u
3	6	C7,C8,C9,C25,C26,C27	33/200v
4	2	C10,C28	330p/200v
5	1	C11	.01u
6	3	C12,C18,C23	33p
7	3	C13,C19,C60	1n
8	5	C14,C21,C31,C49,C93	1u
9	1	C16	22
10	1	C17	6p
11	8	C20,C30,C33,C36,C52,C54, C79,C80	100p
12	1	C22	27p
13	4	C24,C42,C45,C83	5p
14	1	C29	0.1UF
15	5	C32,C48,C50,C59,C130	15p
16	2	C38,C39	STL
17	1	C43	2n
18	1	C47	0.2u
19	1	C51	10p
20	2	C53,C55	0.01u
21	2	C57,C82	220p
22	1	C58	0.1U/100V
23	11	C61,C62,C76,C87,C89,C92,C106,C107,C114,C116,C120	4.7u
24	22	C63,C66,C68,C69,C71,C73,C77,C84,C91,C94,C98,C99,C103,C105, C112,C117,C125,C129,C132,C145,C151,C153	10u
25	3	C74,C111,C134	20n
26	1	C110	10n
27	2	C124,C127	10u/16v
28	10	C135,C136,C139,C141,C142, C143,C144,C146,C154,C156	47U
29	1	DN1	HSMS-2822

30	1	D1	ma44769
31	1	D2	LM4050_5.0
32	1	D3	1N5401
33	1	D4	1N6265/TO
34	1	F1	smd100-2
35	3	J2,J16,J17	CON2
36	2	J3,J5	CON3
37	1	J4	CON4
38	4	J11,J12,J13,J14	mount
39	1	J15	CON14A
40	1	L1	33n
41	2	L2,L3	470n
42	10	L7,L8,L9,L10,L11,L13,L14,L15,L16,L17	10uH
43	1	L12	INDUCTOR
44	1	Q1	2n2369
45	1	Q2	BSS138
46	2	Q3,Q4	NE94433
47	1	Q5	TP0610
48	1	R1	100k/3mm
49	7	R3,R35,R36,R59,R65,R74, R75	10k
50	1	R4	300
51	1	R5	110
52	2	R6,R16	36
53	2	R7,R14	5.6k
54	4	R9,R12,R15,R69	3.6k
55	1	R13	620
56	2	R17,R23	20
57	2	R18,R29	510
58	3	R19,R27,R34	1k
59	1	R20	93k
60	6	R21,R33,R52,R54,R66,R72	100k
61	6	R22,R30,R46,R61,R135, R137	2k
62	2	R24,R25	500
63	1	R26	1.8k
64	6	R31,R38,R48,R51,R53,R68	100
65	1	R32	110K

66	2	R37,R133	5k
67	2	R39,R49	150
68	3	R40,R41,R47	20k
69	2	R42,R45	200
70	1	R43	40
71	1	R44	50
72	2	R50,R60	6.2k
73	1	R55	1.5k
74	2	R56,R73	200k
75	2	R67,R70	30k
76	1	SMA1	B5S
77	1	T1	2:2
78	1	U2	PIC012A48D
79	1	U6	AD8066
80	1	U7	AD783
81	1	U8	ad7533
82	1	U9	max627
83	2	U11,U34	LM318
84	1	U12	74HC74
85	3	U13,U29,U30	LF353
86	1	U14	LT1715
87	1	U17	AD8009
88	1	U22	AD825
89	1	U23	74HC14
90	2	U31,U32	4040
91	1	U33	12.8M
92	1	U35	UWR12/830
93	1	U36	NDL1212SC
94	1	U37	LM1085
95	1	U38	LM2990
96	1	U39	78L05