

### 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	CMRIU-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	PICO12A48D
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