

ELECTRONIC BILL OF MATERIAL

6M6V2_BOM

NO.	PART CODE	TITLE	Value	Type	Qty	Ref Designators
SMT						
1	CAP-05040507-02	Chip Cap	GJM1555C1HR50CB01 0.5pF 0402	0.5pF	7	C31,C43,C46,C150,C151,C39,C41
2	CAP-20940507-02	Chip Cap	Chip Cap 0402,Value 2pF +/-0.25p COG 50V	2pF	12	C28,C34,C35,C37,C48,C66,C67,C70,C76,C68,C71,C113
3	CAP-30940507-02	Chip Cap	Chip Cap 0402,Value 3pF +/-0.25p COG 50V	3pF	3	C50,C52,C22
4	CAP-60940507-05	Chip Cap	GJM1555C1H6R0DB01 6pF 0402	6pF	1	C30
5	CAP-80940507-05	Chip Cap	GJM1555C1H8R0DB01 8pF 0402	8pF	6	C78,C81,C44,,C45,C38,C40,
6	CAP-10050507-05	Chip Cap	GJM1555C1H100JB01 10pF 0402	10pF	3	C80,C77,
7	CAP-10940507-02	Chip Cap	Chip Cap 0402,Value 1pF +/-0.25p COG 50V	1pF	3	C26,C24,C47,
8		Chip Cap			0	
9	CAP-22050507-02	Chip Cap	Chip Cap 0402,Value 22pF +/-5% 50V	22pF	2	C1,C20
10	CAP-47050507-02	Chip Cap	Chip Cap 0402,Value 47pF +/-5% 50V	47pF	3	C54,C74,C19
11	CAP-68050507-02	Chip Cap	Chip Cap 0402,Value 68pF +/-5% 50V	68pF	1	C5,
12	CAP-10150507-02	Chip Cap	Chip Cap 0402,Value 100pF +/-5% 50V	100pF	2	C55,C103,
13	CAP-33150507-02	Chip Cap	Chip Cap 0402,Value 330pF +/-5% 50V	330pF	2	C89,C90
14	CAP-47010507-03	Chip Cap	Chip Cap 0402,Value 470pF +/-10% 50V	470pF	2	C27,C56,
15	CAP-10210507-03	Chip Cap	Chip Cap 0402,Value 102pF +/-10% 16V	102pF	15	C14,C18,C21,C23,C36,C49,C69,C73,C75,C92,C98,C112,C118,C120,C126
16	CAP-33210507-03	Chip Cap	Chip Cap 0402,Value 332pF +/-10% 50V	332pF	2	C13, C93,
17	CAP-10310507-03	Chip Cap	Chip Cap 0402,Value 103pF +/-10% 50V	103pF	1	C99
18	CAP-22320507-03	Chip Cap	Chip Cap 0402,Value 223pF +/-20% 50V	223pF	1	C91
19	CAP-10430507-03	Chip Cap	Chip Cap 0402,Value 104pF +80/-20% 50V	104pF	15	C11,C12,C15,C53,C83,C84,C85,C86,C88,C95,C97,C109,C125,R69,C104
20	CAP-10510637-02	Chip Cap	Chip Cap 0402,Value 1UF +80/-20% 6.3V	1UF	3	C16,C94,C96
21	CAP-22520503-03	Chip Cap	Chip Cap 0603,Value 225pF +/-20% 6.3V	2.2uF	9	C57,C87,C100,C101,C102,C108,C119,C152,C153
22	IND-18325003-01	Chip Inductor	LQG18HN18NJ00 18nH +-5% 0603	COIL 0603	8	L10,L11,L16,L23,L24,L25,L27,L28,
23	IND-12325003-01		LQG18HN12NJ00 12nH +-5% 0603	COIL 0603	2	L12,L13
24	IND-27325003-01	Chip Inductor	LQG18HN27NJ00 27nH +-5% 0603	COIL 0603	2	L19,L20,

ELECTRONIC BILL OF MATERIAL

6M6V2_BOM

NO.	PART CODE	TITLE	Value	Type	Qty	Ref Designators
25	IND-47325003-01	Chip Inductor	Chip Inductor 0603 Value 47nH +/-5%	COIL 0603	1	L17,
26	DIO-41480004-01	Diode	4148 SOD323	SMD	1	D3
27	DIO-BA591004-01	Diode	BA591	DIODE SOD323	2	D1,D2,
28	DIO-14900003-01	Diode	BB149A	DIODE SOD323	1	VD1
29	OIC-86020004-01	IC	S1T8602	IC SO8	1	U2
30	OIC-50180004-01	IC	SL5018	IC SO16	1	U1
31	IND33325003-01	Chip Inductor	33nH +/-5%	SMD0603	1	L14
32	CAP-10050503-02	Chip Cap	10pF +/-5% 50V 0603	SMD0603	1	L18
33	RES-03725707-01	Resistor	3K7 +/-5% 0402	SMD0402	1	R36
34	RES00005707-01	Resistor	Chip Resistor 0402 Value 0R	R0	1	R1
35	RES-01005707-01	Resistor	Chip Resistor 0402 Value 10R +/-5%	10R	4	R2,R3,R53,C72
36	RES-01505707-01	Resistor	Chip Resistor 0402 Value 15R +/-5%	15R	2	R22,R54
37	RES-04705707-01	Resistor	Chip Resistor 0402 Value 47R +/-5%	47R	1	R15,
38	RES-01015707-01	Resistor	Chip Resistor 0402 Value 100R +/-5%	100R	5	R18,R20,R32,R66,R23
39	RES-01515707-01	Resistor	Chip Resistor 0402 Value 150R +/-5%	150R	1	R27
40	RES-02215707-01	Resistor	Chip Resistor 0402 Value 220R +/-5%	220R	3	R17,R31,R14
41	RES-04715707-01	Resistor	Chip Resistor 0402 Value 470R +/-5%	470R	1	R24
42	RES-01025707-01	Resistor	Chip Resistor 0402 Value 1K +/-5%	1K	4	R8,R34,R46,R63,
43	RES-01825707-01	Resistor	Chip Resistor 0402 Value 1K8 +/-5%	1K8	1	R25
44	RES-02225707-01	Resistor	Chip Resistor 0402 Value 2K2 +/-5%	2K2	2	R38,R50
45	RES-02725707-01	Resistor	Chip Resistor 0402 Value 2K7 +/-5%	2K7	2	R30,R40
46	RES-03325707-01	Resistor	Chip Resistor 0402 Value 3K3 +/-5%	3K3	2	R43, R55
47	RES-03925707-01	Resistor	Chip Resistor 0402 Value 3K9 +/-5%	3K9	1	R51
48	RES-04725707-01	Resistor	Chip Resistor 0402 Value 4K7 +/-5%	4K7	2	R41,R48
49	RES-05125707-01	Resistor	Chip Resistor 0402 Value 5K1 +/-5%	5K1	2	R5, R45,
50	RES-06825707-01	Resistor	Chip Resistor 0402 Value 6K8 +/-5%	6K8	1	R12,
51	RES-01035707-01	Resistor	Chip Resistor 0402 Value 10K +/-5%	10K	3	R33,R67,R68
52	RES-01535707-01	Resistor	Chip Resistor 0402 Value 15K +/-5%	15K	2	R37,R13

ELECTRONIC BILL OF MATERIAL

6M6V2_BOM

NO.	PART CODE	TITLE	Value	Type	Qty	Ref Designators
53	RES-02235707-01	Resistor	Chip Resistor 0402 Value 22K +/-5%	22K	1	R49
54	RES-02735707-01	Resistor	Chip Resistor 0402 Value 27K +/-5%	27K	3	R19,R21,R56
55	RES-03335707-01	Resistor	Chip Resistor 0402 Value 33K +/-5%	33K	4	R4, R6,R42,R44,
56	RES-03935707-01	Resistor	Chip Resistor 0402 Value 39K +/-5%	39K	1	R16
57	RES-06835707-01	Resistor	Chip Resistor 0402 Value 68K +/-5%	68K	2	R9, R26,
58	RES-01045707-01	Resistor	Chip Resistor 0402 Value 100K +/-5%	100K	3	R35,R11,C117
59	RES-02245707-01	Resistor	Chip Resistor 0402 Value 220K +/-5%	220K	1	R52
60	RES-03045707-01	Resistor	Chip Resistor 0402 Value 300K +/-5%	300K	2	R29, R64
61	RES-08245707-01	Resistor	Chip Resistor 0402 Value 820K +/-5%	820K	1	R39
62	RES-01055707-01	Resistor	Chip Resistor 0402 Value 1M +/-5%	1M	2	R7, R47,
63	TRA-54000002-01	Transistor	BFG540/X	TRAN SOT143	1	Q6,
64	TRA-39040002-01	Transistor	3904	TRAN SOT23	2	Q1,Q9
65	PCB-6M6000W1-22	PCB	6M6-V2 PCB	PCB 2-LAYER	1	PCB2
66	TRA-42260002-01	Transistor	NEC 2SC4226	2SC4226/R25	6	Q2,Q3,Q4,Q5,Q7,Q8
67	FEB-12102506-01	Magnetic Bead	Magnetic Bead 0603	0603	1	L26
68	IND-68425003-01	Chip Inductor	LQG18HN6R8J00 6.8nH +-5% 0603	COIL 0603	1	C79,
69	IND-15321003-01	Chip Inductor	LQG18HN15NJ00 15nH +-5% 0603	COIL 0603	2	L22,L21
70	IND-18321003-03	Chip Inductor	18nH +-5% 0402	COIL 0402	2	L9,L15
71	NC		NC	NC	16	C51,C6,C65,C110,C114,R10,C106,C124,C121,C105,C107,C154,C32,L29,C17,C42
72	OIC-LC120704-01	IC	LC1207CB37R40/SOT23	SOT23	1	Q10
73	CAP-70940507-05	Chip Cap	GJM1555C1H7R0DB01 7pF	7pF	1	C33
74	CAP-47520634-01	Chip Cap	4.7uF/0805/6.3V	4.7uF	1	C155
75	FEB-10212505-01	Magnetic Bead	Magnetic Bead 0402		7	R28, R57,R58,R59,R60,R62,R65,
76	IFT-FTC61001-01	CERAMIC DISCRIMINATOR	FTC61	CERAMIC DISCRIMINATOR	1	CD1
77	FIL-LT450E01-02	FILTER	CFWM450E	FILTER	1	F1
78	VID-62220001-01	COILCHOCK DIP	0.62uH	COILCHOCK DIP	2	L100,L50

ELECTRONIC BILL OF MATERIAL

6M6V2_BOM

NO.	PART CODE	TITLE	Value	Type	Qty	Ref Designators
79	CRY-77035404-01	CRYSTAL	77.0354MHz	CRYSTAL HC49U	1	X3
80	CRY-77110404-01	CRYSTAL	77.1104MHz	CRYSTAL HC49U	1	X4
81	IND-06821001-01	INDUCTOR	0.68uH		1	L4
82	PCB-5M5000W2-23	VOLUME PCB	5M5SV2-3	PCB 2-LAYER	1	15*12.4*1.0mm
83	WIR-060RE280-0A	WIRE	28# : 60mm	WIRE RED 5+50+5MM	2	SPK+ MIC+
84	WIR-060BL280-0A	WIRE	28# : 60mm	WIRE BLACK 5+50+5MM	2	SPK- MIC-
85	WIR-070RE280-0A	WIRE	28# : 70mm	WIRE RED 5+60+5MM	1	BATT+
86	WIR-070BL280-0A	WIRE	28# : 70mm	WIRE BLACK 5+60+5MM	1	BATT-