

Quantity	Type	Value	Ref Designators
1	LEADWIRE	AWG#28 RED 50MM	ANT1
1	LEADWIRE	AWG#28 RED 100MM	B+
1	LEADWIRE	AWG#28 BLACK 40MM	B-
1	LEADWIRE	AWG#28 RED 150MM	LED+
1	LEADWIRE	AWG#28 BLACK 150MM	LED-
1	CAP SMD (0603)	0.25 pF	C34
1	CAP SMD (0603)	0.5 pF	C22
1	CAP SMD (0603)	1 pF	C37
1	CAP SMD (0603)	1.5 pF	C41
2	CAP SMD (0603)	3 pF	C32, C39
5	CAP SMD (0603)	4 pF	C13, C14, C18, C40, C47
1	CAP SMD (0603)	10 pF	C16
3	CAP SMD (0603)	22 pF	C17, C19, C45
1	CAP SMD (0603)	82 pF	C5
6	CAP SMD (0603)	102 pF	C9, C12, C15, C21, C35, C38
6	CAP SMD (0805)	104 pF	C2, , C3, C4, C8, C23, C27
1	CAP SMD (0805)	203 pF	C7
2	CAP SMD (0805)	224 pF	E5, E7
3	CAP SMD (0805)	403 pF	C1, C31, C33
2	CAP SMD (0805)	472 pF	C11, C46
1	CAP SMD (0805)	1 uF	C20
1	CAP POLY	221 pF	C10
1	ELECT CAP 4X8MM	2.2 uF/10V	E4
2	ELECT CAP 4X8MM	4.7 uF/10V	E6, C36
1	ELECT CAP 4X8MM	10 uF/10V	E9
2	ELECT CAP 4X8MM	47 uF/10V	E3, C6
2	ELECT CAP 5X12MM	100 uF/10V	E2, E8
1	ELECT CAP 5X12MM	100 uF/16V	E1
3	RES SMD (0603)	15 OHM	R8, R27, R48
1	RES SMD (0603)	47 OHM	R28
1	RES SMD (0603)	100 OHM	R26
1	RES SMD (0603)	220 OHM	R36
2	RES SMD (0603)	330 OHM	R40, R57
2	RES SMD (0603)	560 OHM	R7, R51
2	RES SMD (0603)	680 OHM	R15, R25
1	RES SMD (0603)	1K8 OHM	R22
7	RES SMD (0603)	2K2 OHM	R12, R35, R38, R43, R44, R46, R47
2	RES SMD (0603)	3K3 OHM	R23, R56
5	RES SMD (0603)	4K7 OHM	R1, R4, R11, R19, R42
2	RES SMD (0603)	6K8 OHM	R34, R39
3	RES SMD (0603)	10K OHM	R3, R18, R29
9	RES SMD (0603)	12K OHM	R2, R13, R14, R16, R30, R31, R33, R41, R45

Quantity	Type	Value	Ref Designators
1	RES SMD (0603)	15K OHM	R37
1	RES SMD (0603)	47K OHM	R32
1	RES SMD (0603)	75K OHM	R20
3	RES SMD (0603)	100K OHM	R6,R9,R17
1	RES SMD (0603)	240K OHM	R21
1	RES SMD (0603)	1M OHM	R5
1	RES SMD (0603)	VAL	R50
1	RESISTOR (1/2W)	22 OHM BENT	R10
2	RESISTOR (1/4W)	33 OHM BENT	R24,R49
1	COIL INDUCTOR	15 uH	L2
1	COIL INDUCTOR	7 uH	L1
1	CRYSTAL 13MM	8 MHz	XT1
1	FILTER CERAMIC	5.5 MHz	F1
1	DIODE	1N4001	D1
2	DIODE SMD	4148	D2,D3
1	DIODE VCAP	ISV245	D4
1	TRANSISTOR SMD	41511	Q4
2	TRANSISTOR SMD	BC848B	Q1,Q2
2	TRANSISTOR SMD	BFW520	Q3,Q5
2	IC T0-92	78L05	IC1,IC2
1	IC SMD	4046	IC3
1	IC SMD	LM324	IC4
1	IC SMD	15E06	IC5
1	IC DIP	Z86E0208PSC	IC6
1	PCB	248TV3 59.50MM X 55.00MM, 1.0MM, DOUBLE SIDE FG	

Bill of Materials

Quantity	Type	Value	Ref Designators
1	CAP 0603	0.25pF	C61
3	CAP 0603	1 pF	C50,C57,C63
2	CAP 0603	1.5 pF	C10,C55
2	CAP 0603	2 pF	C34,C39
3	CAP 0603	5.6 pF	C6,C25,C38
5	CAP 0603	10 pF	C21,C24,C47,C51,C54
1	CAP 0603	12 pF	C56
1	CAP 0603	15 pF	C20
4	CAP 0603	22 pF	C62,C64,C68,C70
2	CAP 0603	27 pF	C31,C37
1	CAP 0603	30 pF	C14
1	CAP 0603	33 pF	C15
1	CAP 0603	39 pF	C17
1	CAP 0603	47 pF	C18
3	CAP 0603	101 pF	C23,C33,C41
16	CAP 0603	102 pF	C7,C8,C19,C26,C29,C30,C32, C35,C36,C40,C46,C48,C65, C72,C74
1	CAP 0805	102 pF	C71
1	CAP 0805	202 pF	C42
1	CAP 0805	103 pF	C45
1	CAP 0805	403 pF	C66
9	CAP 0805	104 pF	C2,C3,C4,C12,C44,C49,C69, C73,C75
5	IFT	164-11	B2,B3,B4,L1,L2
1	CRYSTAL 13MM	8 MHz	XT1
1	CERAMIC RESONATOR	8 MHz	XT2
3	DIODE SMD	1N4148	D1,D2,D3
1	IC DIP(CPU)	Z86E0208	IC5
1	IC SMD	15E06	IC6
1	IC SMD	MC13155	IC4
1	IC SMD	Xc62FP3002PR	IC1
1	IC SMD	91563	IC3
1	IC TO92	78L05	IC2
2	CAP ELECT 5X8MM	100 uF/10V	C5,C67
2	CAP ELECT 4X8MM	10 uF/10V	C22,C43
2	CAP ELECT 4X8MM	47 uF/10V	C1,C13
2	TRANSISTOR SMD	BF998	Q2,Q3
1	TRANSISTOR SMD	41511	Q5
1	TRANSISTOR SMD	BC848B	Q4
1	TRANSISTOR SMD	BFG520W	Q6
3	RESISTOR 0603	10 OHM	R4,R17,R18
1	RESISTOR 0603	101 OHM	R1
2	RESISTOR 0603	102 OHM	R7,R34
3	RESISTOR 0603	103 OHM	R19,R32,R38

Quantity	Type	Value	Ref Designators
4	RESISTOR 0603	104 OHM	R8,R11,R16,R35
2	RESISTOR 0603	122 OHM	R3,R5
3	RESISTOR 0603	123 OHM	R25,R31,R39
1	RESISTOR 0603	22 OHM	R30
4	RESISTOR 0603	221 OHM	R12,R13,R24,R29
2	RESISTOR 0603	223 OHM	R15,R27
1	RESISTOR 0603	271 OHM	R6
1	RESISTOR 0603	273 OHM	R33
1	RESISTOR 0603	332 OHM	R26
1	RESISTOR 0603	393 OHM	R20
2	RESISTOR 0603	47 OHM	R21,R23
1	RESISTOR 0603	472 OHM	R28
1	RESISTOR 0603	513 OHM	R36
1	RESISTOR 0603	682 OHM	R40
1	RESISTOR 0603	821 OHM	R14
1	VC-DIO	ISV245	D4
2	SEMI-FIXED	104 OHM	R37,VR1
1	PCB 248RFV3		

Bill of Materials

2400ANT4.S01

Quantity	Type	Value	Ref Designators
1	IC SMD	HSMSS-2812	N9
1	IC SMD	H7555	IC1
1	CAP SMD(0805)	1 PF	C26
1	CAP SMD(0805)	10 PF	C23
2	CAP SMD(0805)	18 PF	C29,C30
1	CAP SMD(0805)	821 PF	C2
5	CAP SMD(0805)	102 PF	C24,C25,C27,C28,C31
1	CAP SMD(0805)	104 PF	C1
3	CAP ELECT 4X8MM	33 uF/10V	E17,E18,E19
1	TRANSISTOR SMD	AFT-36163	N8
1	RESISTOR SMD(0805)	56 OHM +/-5%	R31
1	RESISTOR SMD(0805)	151 OHM +/-5%	R32
1	RESISTOR SMD(0805)	102 OHM +/-5%	R33
1	RESISTOR SMD(0805)	332 OHM +/-5%	R34
1	RESISTOR SMD(0805)	103 OHM +/-5%	R1
1	RESISTOR SEMI-FIXED	103 OHM	P3
1	COIL CHOHE(LARGE SIZE)	780 uH	L1
1	PCB 2400ANT4,63MMX58MM,1.0MM,	DOUBLE SIDE FG	

Total Parts: 25