

PART - LIST

Bill of Materials

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FCC.S01 (PAGE 1)

Quantity	Type	Value	Ref Designators
1	CAP 0603	18 pF	C9
2	CAP 0603	22 pF	C30, C31
9	CAP 0603	39 pF	C6, C16, C38, C39, C41, C42, C47, C49, C50
3	CAP 0603	102 pF	C11, C27, C34
2	CAP 0805	472 pF	C12, C44
2	CAP 0805	103 pF	C60, C61
1	CAP 0805	153 pF	C53
3	CAP 0805	223 pF	C1, C24, C28
2	CAP 0805	403 pF	C23, C43
17	CAP 0805	104 pF	C8, C13, C17, C18, C19, C20, C21, C22, C25, C26, C29, C32, C33, C37, C40, C52, C54
7	CAP 0805	105 pF	C4, C10, C36, C45, C51, C55, C58
1	CAP 0805	225 pF	C35
2	CAP ELECT 4X8MM	100 uF/10V	C3, C14
1	CAP ELECT 4X8MM	10 uF/10V	C2
1	CAP ELECT 4X8MM	47 uF/10V	C15
1	CRYSTAL	4.1943MHz	XT1
5	DIODE SMD	1N4148	D2, D3, D4, D7, D8
1	IC SMD	93C46	IC6
1	IC SMD	LM4882	IC3
1	IC SMD	KS57C23080	IC5(14 CHANNEL ONLY)
1	IC DIP	Z86E0208	IC5(3 CHANNEL ONLY)
1	IC SMD	LM324	U1
2	IC SMD	Xc62FP3002PR	IC1, IC2
1	LCD		LCD1(14 CHANNEL ONLY)
1	LED SMD		LED1
2	RESISTOR 0603	10 OHM	R14, R71
2	RESISTOR 0603	391 OHM	R3, R4
1	RESISTOR 0603	471 OHM	R81
2	RESISTOR 0603	102 OHM	R39, R45
1	RESISTOR 0603	202 OHM	R37
6	RESISTOR 0603	222 OHM	R10, R33, R36, R69, R73, R74
3	RESISTOR 0603	332 OHM	R8, R32, R50
1	RESISTOR 0603	392 OHM	R16
1	RESISTOR 0603	472 OHM	R66
8	RESISTOR 0603	512 OHM	R6, R11, R21, R60, R77, R78, R83, R84
8	RESISTOR 0603	103 OHM	R1, R17, R19, R30, R31, R34, R51, R54
3	RESISTOR 0603	153 OHM	R25, R86, R87
6	RESISTOR 0603	223 OHM	R7, R43, R45, R49, R52, R53

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Quantity	Type	Value	Ref Designators
2	RESISTOR 0603	273 OHM	R40,R67
1	RESISTOR 0603	303 OHM	R63
1	RESISTOR 0603	393 OHM	R23
1	RESISTOR 0603	473 OHM	R64
8	RESISTOR 0603	513 OHM	R18,R41,R48,R58,R59,R61, R65,R75
3	RESISTOR 0603	563 OHM	R38,R42,R44
5	RESISTOR 0603	104 OHM	R13,R29,R55,R57,R72
1	RESISTOR 0603	154 OHM	R28
1	RESISTOR 0603	184 OHM	R26
6	RESISTOR C603	224 OHM	R12,R22,R35,R56,R62,R79
1	RESISTOR C603	394 OHM	R70
1	RESISTOR C603	514 OHM	R15
1	RESISTOR	TH	R68
3	TRANSISTOR SMD	BC848B	Q4,Q5,Q6
3	TRANSISTOR SMD	2PB709AS	Q1,Q2,Q3

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Quantity	Type	Value	Ref Designators
1	CAP 0603	10 pF	C28,C60
12	CAP 0603	102 pF	C16,C24,C30,C35,C37,C44 C49,C53,C69,C73,C75,C76
5	CAP 0603	12 pF	C46,C47,C48,C62,C64
3	CAP 0603	18 pF	C13,C43,C63
6	CAP 0603	3 pF	C4,C31,C32,C36,C45,C50
1	CAP 0603	39 pF	C56
17	CAP 0603	47 pF	C1,C2,C3,C6,C7,C10,C17,C19, C22,C26,C38,C41,C54,C55, C59,C65,C71
2	CAP 0603	5.6 pF	C34,C61
2	CAP 0603	8.2 pF	C14,C15
4	CAP 0805	103 pF	C29,C66,C67,C68
10	CAP 0805	104 pF	C8,C9,C11,C12,C20,C23,C25, C33,C40,C58
3	CAP 0805	105 pF	C27,C57,C70
1	CAP VARIABLE		C52
4	COIL INDUCTOR	0.1uH	L3,L8,L14,L18
4	COIL	4T1D	L4,L5,L16,L17
4	COIL	5T2D	L7,L9,L12,L15
3	COIL	6T1D	L6,L10,L11
1	CRYSTAL 13MM	20.948MHZ	XT1
1	DIODE SMD	3860	D1
1	FILTER CERAMIC	450 KHZ	F1
1	FILTER CRYSTAL	21.4 MHZ	F2
2	FUSE		FUS1,FUS2
1	IC SMD	MC3371	IC1
1	IC SMD	15E03	IC2
1	IFT	H195	B2
1	IFT	G03C	B1
3	TRANSISTOR SMD	BF998	Q7,Q8,Q9
1	TRANSISTOR SMD	31625	Q1
1	TRANSISTOR SMD	38043	Q2
1	TRANSISTOR SMD	41511	Q3
1	TRANSISTOR SMD	BC848	Q10
2	TRANSISTOR SMD	BFR92	Q5,Q6
2	RESISTOR 0603	10 OHM	R7,R22
2	RESISTOR 0603	101 OHM	R2,R5
1	RESISTOR 0603	102 OHM	R38
3	RESISTOR 0603	104 OHM	R23,R24,R26
2	RESISTOR 0603	122 OHM	R3,R16
1	RESISTOR 0603	123 OHM	R27
2	RESISTOR 0603	151 OHM	R9,R12
3	RESISTOR 0603	152 OHM	R25,R31,R41
2	RESISTOR 0603	153 OHM	R33,R36

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Quantity	Type	Value	Ref Designators
2	RESISTOR 0603	182 OHM	R1,R11
1	RESISTOR 0603	221 OHM	R17
1	RESISTOR 0603	244 OHM	R29
1	RESISTOR 0603	273 OHM	R13
1	RESISTOR 0603	33 OHM	R20
2	RESISTOR 0603	331 OHM	R4,R6
1	RESISTOR 0603	392 OHM	R37
1	RESISTOR 0603	47 OHM	R34
1	RESISTOR 0603	473 OHM	R21
1	RESISTOR 0603	68 OHM	R35
1	RESISTOR 0603	682 OHM	R39
1	RESISTOR 0603	821 OHM	R9
4	RESISTOR 0603	822 OHM	R14,R15,R19,R42
1	VC-DIO SMD	MMBV809	D3