

Bill of Materials

242TAPP.REP

Quantity	Type	Value	Ref Designators
1	REGULATOR	NJM78L09A 100MA 9V	IC4
1	REGULATOR	NJM78L05A 100MA 5V	IC3
1	AV-JACK	AV6-14	J1
1	CAP SMD(0805)	1 pF	*C2
1	CAP SMD(0805)	3 pF	*C5
1	CAP SMD(0805)	15 pF	*C10
1	CAP SMD(0805)	56 pF	*C12
6	CAP SMD(0805)	1000 pF	*C1, *C4, *C7, *C8, *C9, *C11
1	CAP TANTALUM	33 u(T)	*C6
2	CAP CERAMIC	10 pF	C11, C24
2	CAP CERAMIC	56 pF	C12, C25
1	CAP CERAMIC	100 pF	C35
2	CAP CERAMIC	120 pF	C9, C23
1	CAP CERAMIC	470 pF	C27
2	CAP CERAMIC	500 pF	C29, C31
1	CAP CERAMIC	680 pF	C30
1	CAP CERAMIC	6800 pF	C16
6	CAP CERAMIC	0.01 uF	C4, C5, C6, C13, C18, C21
2	CAP CERAMIC	0.02 uF	C15, C26
9	CAP CERAMIC	0.1 uF	C1, C2, C3, C14, C19, C32, C33, C34, C35
2	CAP POLY	150 pF	C7, C22
2	CAP MYLAR	0.033 uF	C8, C10
2	COIL	3.3 uH(INDUCTOR)	L3, L4
2	COIL	5.6 uH(INDUCTOR)	L1, L2
3	DIODE	1N4148	D1, D2, D3
1	IC	LM324	U1
2	IC	4046	IC1, IC2
1	CAP ELECT 4X8MM	47 uF/10V	E7
1	CAP ELECT 5X12MM	0.47 uF/16V	E17
1	CAP ELECT 5X12MM	1 uF/16V	E4
1	CAP ELECT 5X12MM	4.7 uF/16V	E6
11	CAP ELECT 5X12MM	10 uF/16V	E1, E2, E3, E5, E8, E9, E10, E11, E12, E13, C20, E14, E15, E16
3	CAP ELECT 5X12MM	100 uF/16V	F1
1	CERAMIC CRYSTAL	6 MHz	F2
1	CERAMIC CRYSTAL	6.5 MHz	LED7
1	LED	DIA.3 GREEN(L-34GD)	*Q1, *Q2
2	TRANSISTOR SMD	BFG520W	Q3
1	TRANSISTOR	1402	Q1
1	TRANSISTOR	1602	Q2, Q4
2	TRANSISTOR	9014	*R4
1	RESISTOR SMD(0805)	56 OHM	*R11
1	RESISTOR SMD(0805)	75 OHM	*R3
1	RESISTOR SMD(0805)	150 OHM	

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Quantity	Type	Value	Ref Designators
1	RESISTOR SMD(0805)	470 OHM	*R1
1	RESISTOR SMD(0805)	1.5K OHM	*R5
1	RESISTOR SMD(0805)	5.6K OHM	*R6
1	RESISTOR SMD(0805)	10K OHM	*R8
2	RESISTOR SMD(0805)	22K OHM	*R7, *R9
1	RESISTOR SMD(0805)	33K OHM	*R2
1	RESISTOR SMD(0805)	THERMISTOR 50K OHM	*R10
2	RESISTOR 1/8 W	100 OHM	R32, R51
1	RESISTOR 1/8 W	560 OHM	R28
2	RESISTOR 1/8 W	620 OHM	R37, R44
2	RESISTOR 1/8 W	820 OHM	R26, R50
5	RESISTOR 1/8 W	1K OHM	R19, R23, R31, R47, R16
2	RESISTOR 1/8 W	1.5K OHM	R27, R41
1	RESISTOR 1/8 W	1.8K OHM	R3
1	RESISTOR 1/8 W	2.2K OHM	R29
1	RESISTOR 1/8 W	3K OHM	R13
2	RESISTOR 1/8 W	3.6K OHM	R35, R54
2	RESISTOR 1/8 W	3.9K OHM	R5, R40
1	RESISTOR 1/8 W	4.3K OHM	R36
1	RESISTOR 1/8 W	4.7K OHM	R12
2	RESISTOR 1/8 W	5.6K OHM	R7, R43
2	RESISTOR 1/8 W	8.2K OHM	R20, R39
6	RESISTOR 1/8 W	10K OHM	R4, R10, R25, R30, R49
4	RESISTOR 1/8 W	15K OHM	R52
1	RESISTOR 1/8 W	22K OHM	R1, R24, R38, R48
1	RESISTOR 1/8 W	24K OHM	R53
1	RESISTOR 1/8 W	36K OHM	R11
1	RESISTOR 1/8 W	51K OHM	R22
2	RESISTOR 1/8 W	56K OHM	R8
1	RESISTOR 1/8 W	120K OHM	R15, R21
2	RESISTOR 1/8 W	180K OHM	R14
1	RESISTOR 1/8 W	510K OHM	R6, R42
1	RESISTOR 1/8 W	820K OHM	R34
1	RESISTOR 1/8 W	1M OHM	R33
1	RESISTOR 1/8 W	2.2M OHM	R17
1	DIODE ZENER 1/2W	3.6V	R18
1	DC JACK	SKMJ01N067	Z1
1	ANTENNA	WIRE HOOK UP	JACK1
1	SWITCH	FTI1571 AWG#28	ANT1
1	SWITCH	40MM RED	
1	LED INFRARED	CR04	SW1
6	ENITTING	SWI000BZ39	SW2
1	DC JACK	MIE-554A2	LED1, LED2, LED3, LED4, LED5
1	CAMERA	SKMJ01N067	LED6
1	MICROPHONE	M3086 USA	JACK1
		RUBBER MIC HOLDER	CAMERA
			MIC1