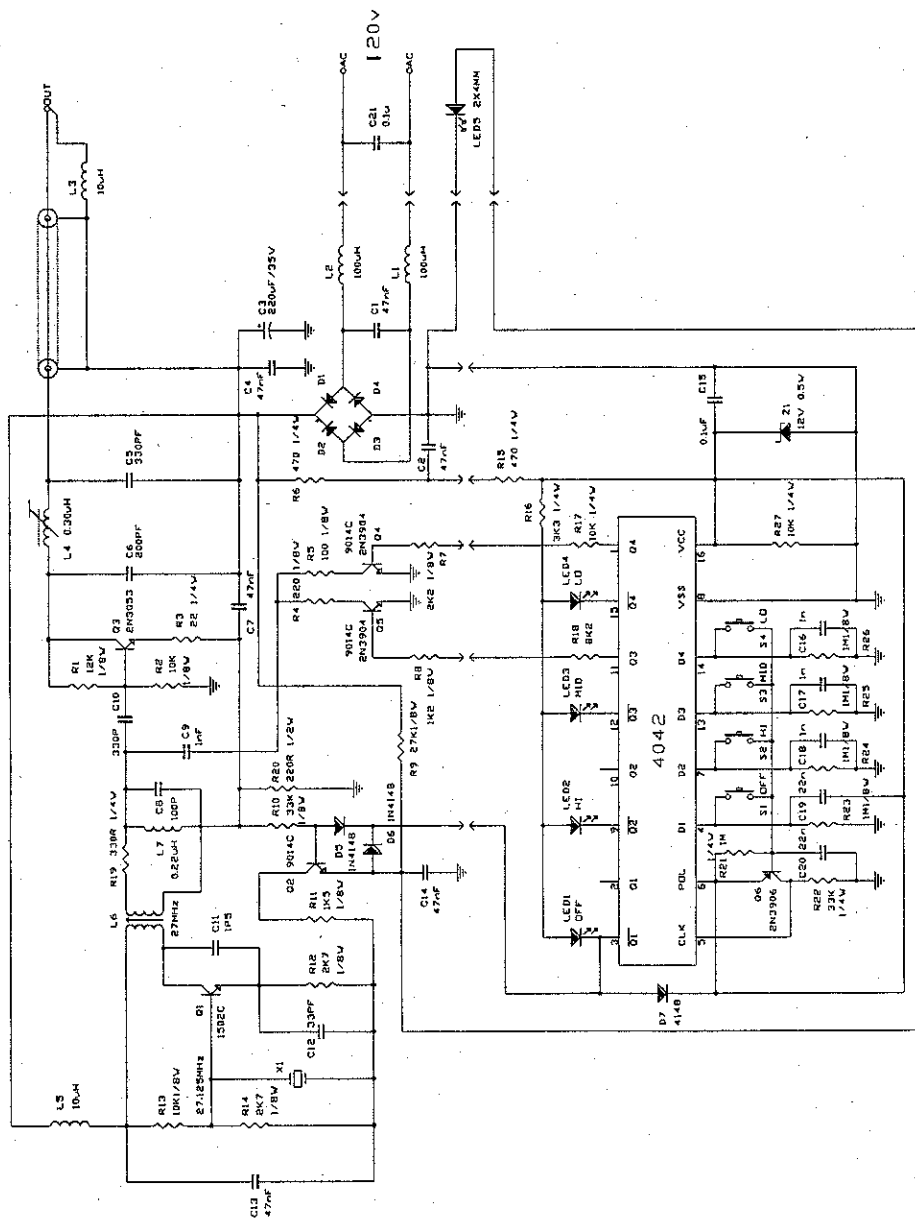


REV NO.	CHANGE NOTE	BY	DATE

FCCID: NLDAP-9FEA



PROJECTION: CAD NO.:		USED ON NEXT ASSY		SHEET OF		REMOVE ALL BURRS BREAK SHARP EDGES DO NOT SCALE DWG. UNSPECIFIED TOL.: XXX ± XX ± X ± ∠ DIMENSION IN MM AFTER FINISH		MATERIAL: FINISH/TREATMENT: SCALE:		DWG. BY: Yen DATE: 1/4/99 CHK. BY: DATE: APP. BY: DATE:		UNITED PRODUCTS ENTERPRISE LTD. Unit 3, 6/F., New Treasure Centre 10 Ng Fong Si., San Po Kong, Kowloon, Hong Kong TITLE: Circuit, EMC/FCC, AP-9FE/AP-9FEA PART NO.: DWG NO.: EG610026.01	
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Main Board :

Item	Description	Specification	Location	Qty.
1	Ceramic Capacitor	1.5p NPO,50V 5%	C11	1
2	Ceramic Capacitor	33p NPO,50V 5%	C12	1
3	Ceramic Capacitor	100p 50V 5%	C8	1
4	Ceramic Capacitor	200p 50V 5%	C6	1
5	Ceramic Capacitor	330p 50V 5%	C5,C10	2
6	Ceramic Capacitor	0.047 μ F 50V +80/-20%	C21,C1,C4,C2,C7C13	6
7	Ceramic Capacitor	0.001 μ F (102) 16V +80/-20%	C9	1
8	Ele. Capacitor	220 μ F 35V 20%	C3	1
9	Diode	1N4001	D1,D2,D3,D4	4
10	Diode	1N4148	D5,D6	2
11	Inductor	0.22 μ H	L7	1
12	Inductor	10 μ H	L5	1
13	Chock Coil	100 μ H	L1,L2	2
14	IFT Coil	Oscillator (Metal Case)	L6	1
15	RF Coil	Peaking, 4-1/2 turns, 0.30uH	L4	1
16	Transistor	1502C	Q1	1
17	Transistor	9014 / 3904	Q2	1
18	Transistor	3904	Q4,Q5	2
19	Transistor	2N3053	Q3	1
20	Quartz	27.125MHz	X1	1
21	PCB, Main Board	Single Side, 94V-0		1
22	Resistor - Carbon Film	220 Ω 1/2W, +/-5%	R20	1
23	Resistor - Carbon Film	22 Ω 1/4W, +/-5%	R3	1
24	Resistor - Carbon Film	330 Ω 1/4W, +/-5%	R19	1
25	Resistor - Carbon Film	470 Ω 1/4W, +/-5%	R6	1
26	Resistor - Carbon Film	100 Ω 1/8W, +/-5%	R5	1
27	Resistor - Carbon Film	220 Ω 1/8W, +/-5%	R4	1
28	Resistor - Carbon Film	1.2K Ω 1/8W, +/-5%	R8	1
29	Resistor - Carbon Film	1.5K Ω 1/8W, +/-5%	R11	1
30	Resistor - Carbon Film	2.2K Ω 1/8W, +/-5%	R7	1
31	Resistor - Carbon Film	2.7K Ω 1/8W, +/-5%	R12,R14	2
32	Resistor - Carbon Film	10K Ω 1/8W, +/-5%	R2,R13	2
33	Resistor - Carbon Film	12K Ω 1/8W, +/-5%	R1	1
34	Resistor - Carbon Film	27K Ω 1/8W, +/-5%	R9	1
35	Resistor - Carbon Film	33K Ω 1/8W, +/-5%	R10	1

Part List

Model AP-9FEA / AP-9FE

Control Board :

1	IC	CD4042		1
2	LED	Dia. 3mm, Red	LED2,LED3,LED4	3
3	LED	Dia. 3mm, Green	LED1	1
4	Tact Switch		S1,S2,S3,S4	4
5	Transistor	3906	Q6	1
6	Diode	Zener, 12V 0.5W 5%	Z1	1
7	Diode	1N4148	D7	1
8	Resistor - Carbon Film	1M Ω 1/8W, +/-5%	R23,R24,R25,R26	4
9	Resistor - Carbon Film	10K Ω 1/4W, +/-5%	R17,R27	2
10	Resistor - Carbon Film	1M Ω 1/4W, +/-5%	R21	1
11	Resistor - Carbon Film	33K Ω 1/4W, +/-5%	R22	1
12	Resistor - Carbon Film	8.2K Ω 1/4W, +/-5%	R18	1
13	Resistor - Carbon Film	3.3K Ω 1/4W, +/-5%	R16	1
14	Resistor - Carbon Film	470 Ω 1/4W, +/-5%	R15	1
15	Ceramic Capacitor	0.001 μ F (102) 16V +80/-20%	C16,C17,C18	3
16	Ceramic Capacitor	0.022 μ F (223/203) 16V +80/-20	C19,C20	2
17	Ceramic Capacitor	0.1 μ F (104) 16V +80/-20%	C15	1
18	Control Board	Single Side, 94V-0		1
19	Jumper	Bare wire		4
20	Rainbow lead wire	5pin 130mm		1
21	Rainbow lead wire	3 pin 75mm, LED		1
22	Rainbow lead wire	3 pin 75mm, Input		1
23	Coaxial Cable	White, 1.3M		1

Input Board :

1	PCB	Single Side, 94HB		1
2	DC Jack			1
3	LED	Square, Red		1

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