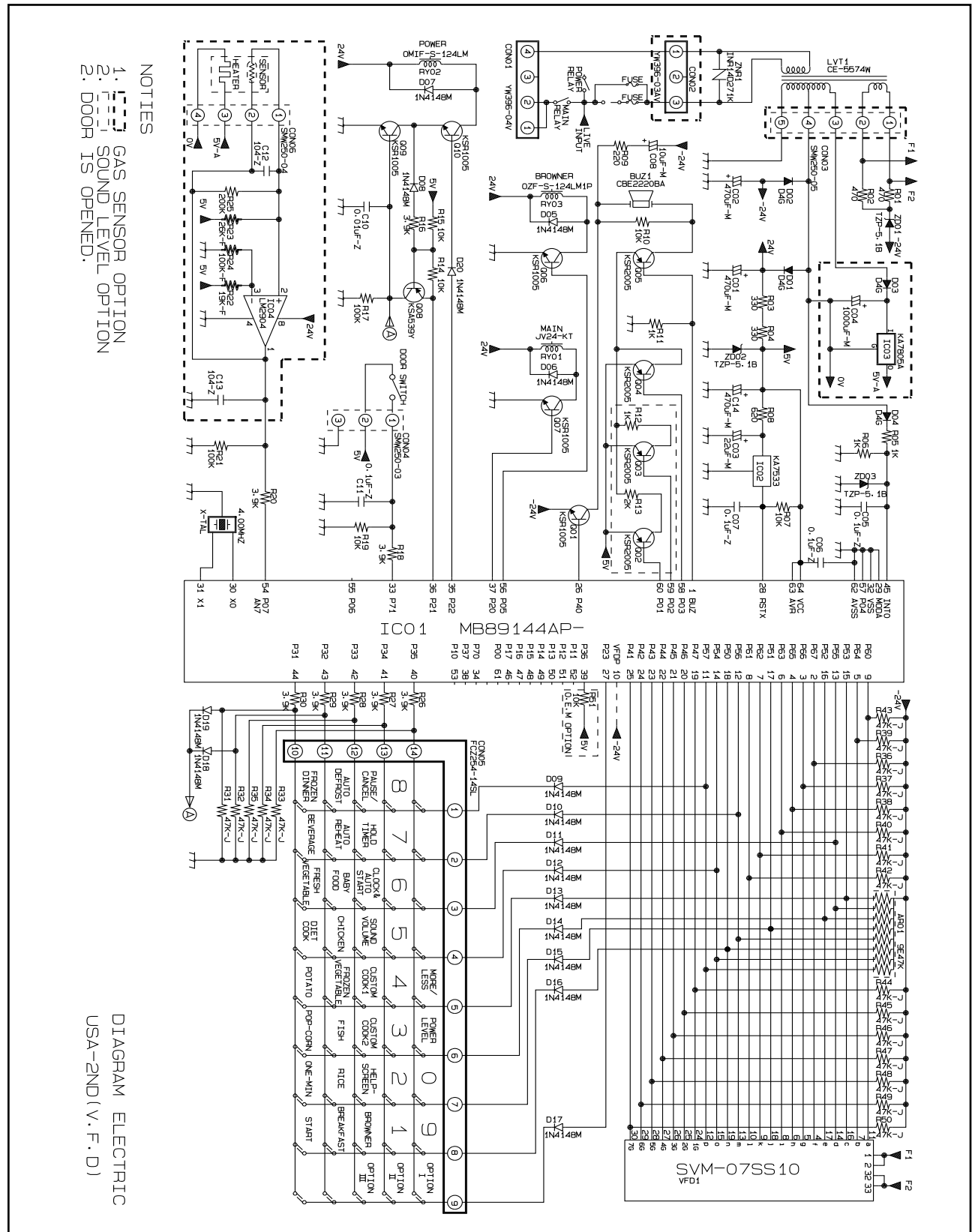



## 8. P.C.B Diagrams

### 8-1 P.C.B Diagrams



## 8-2 P.C.B Parts List

Parts No.	Description / Specification	Q'ty	Remarks
0401-001002	DIODE-SWITCHING;1N4148M,100V,200mA,500mW	16	D05~20
0402-000559	DIODE-RECTIFIER;D4G,400V,1A,T-1	3	D01,02,04
0501-000283	TR-SMALL SIGNAL;KSA539-Y,PNP,400mW,TO-92	1	Q08
0504-001014	TR-DIGITAL;KSR1005,NPN,300mW,4.7K-10K,TO	5	Q01,06,07,09,10
0504-001015	TR-DIGITAL;KSR2005,PNP,300mW,4.7K-10K,TO	4	Q02~05
1405-000129	VARISTOR;INR14D271K 270V,4500A 17X12MM,T	1	ZNR1
2001-000037	R-CARBON(S);330ohm,5%,1/2W,AA,TP,2.4x6.4	2	R03~04
2001-000273	R-CARBON;100Kohm,5%,1/8W,AA,TP,1.8x3.2mm	2	R17,21
2001-000290	R-CARBON;10Kohm,5%,1/8W,AA,TP,1.8x3.2mm	5	R07,10,14,15,19
2001-000429	R-CARBON;1Kohm,5%,1/8W,AA,TP,1.8x3.2mm	4	R05,06,11,12
2001-000515	R-CARBON;220ohm,5%,1/8W,AA,TP,1.8x3.2mm	1	R09
2001-000577	R-CARBON;2Kohm,5%,1/8W,AA,TP,1.8x3.2mm	1	R13
2001-000613	R-CARBON;3.9Kohm,5%,1/8W,AA,TP,1.8x3.2mm	8	R16,18,20,26~30
2001-000780	R-CARBON;470ohm,5%,1/8W,AA,TP,1.8x3.2mm	2	R01,02
2001-000786	R-CARBON;47Kohm,5%,1/8W,AA,TP,1.8x3.2mm	20	R31~50
2001-000904	R-CARBON;620ohm,5%,1/8W,AA,TP,1.8x3.2mm	1	R08
2011-000582	R-NETWORK;47Kohm,5%,1/8W,A,SIP,9P,TP	1	AR01
2202-000121	C-CERAMIC,MLC-AXIAL;UP050B101KBB 100PF,1	1	C09
2202-000127	C-CERAMIC,MLC-AXIAL;TP050F103ZB 10NF,+80	1	C10
2202-000780	C-CERAMIC,MLC-AXIAL;UP050F104Z 100NF,+80	4	C05~07,11
2401-000247	C-AL;1SA1ANB107MAN 100UF,20%,10V,GP 6.3X	1	C14
2401-000466	C-AL;CESSM1V100M0507 10UF,20%,35V,GP 5X7	1	C08
2401-000914	C-AL;CESSL1C220M0511AA 22UF,20%,16V,GP 5	1	C03
2401-001412	C-AL;1SG1VFB477MAN 470UF,20%,35V,GP 10X1	2	C01,02
2802-000161	RESONATOR-CERAMIC;CST4.00MGW-TF01-3/CN 4	1	X-TAL
3501-001014	RELAY-POWER;OM1F-S-124LM 24V,21.8MA,17A	1	RY02
3501-001016	RELAY-MINIATURE;JV24-KT 24V,12.5MA,5A 1F	1	RY01
3708-000529	CONNECTOR-FPC/FC/PIC;FCZ254-14SL,BLK 14P	1	CON05
3711-000240	CONNECTOR-HEADER;1WALL,4P,1R,3.96mm,STRA	1	CON01
3711-000881	CONNECTOR-HEADER;SMW250-03,WHT BOX,3P,1R	1	CON04
A4106-0154	DIODE-ZENER;TZP5.1B 5.1/5.7V 40MA T 1W	3	ZD01~03
DE07-10035A	V.F.DISPLAY;SVM-07SS10 SEA	1	VFD1
DE09-30491A	IC-MCU;MB89143AP-168 8K DIP 64PIN	1	IC01 
DE13-20009A	IC;KA7533 DIP	1	IC02
DE26-20144A	TRANS-L.V;DN-5574W,CE-5574W 120V 60HZ AC	1	LVT1
DE30-20016A	BUZZER;CBE2220BA STICK	1	BUZ1
DE39-60001A	WIRE-SO COPPER;PI0.6 SN T 52MM	25	J01~25
DE60-60012A	PIN-EYELET;ID2.1 OD2.5 L3.0 SN BSP T0.25	8	
DE61-90164A	HOLDER-DIGITRON;NYLON#66 T1.8 BLK MW4370	1*	