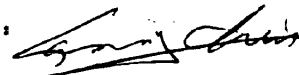


WERNEX ELECTRONIC LTD.

Model No. : D88-01
 Model Name : Soldering Station
 Revision : 14
 Page 1 of 5

Prepared By : RAYMOND LEE, Jackie Yip

APPROVED BY :



Date : 13-Nov-95

Item	L	Part No.	Description	Qty	Location	Remark
	1		PCB ASSEMBLY			
1	0		CERAMIC CAP. 0.033uF/50V	1	C6	
2	0		CERAMIC CAP. 0.1uF/25V	3	C4, C5, C7	
3	0		Cap E. 220uF/16V	2	C1, C8	
4	0		Cap E. 2.2uF/50V +/-20% 5x11mm	1	C2	
5	0		CERAMIC CAP. 22pF	1	C3	
6	0		DIODE 1N4148	3	D2, D4, D5	
7	0		DIODE 1N4001	4	D3, D6, D8, D9	
8	0		LCD	1	U2	
9	0		LED (RED 4211H)	1	D7	
10	0		MSM5052 (OKI)	1	U1	
11	0		RESISTOR, CF , +/- 5% 1/4W 1.5K	1	R7	
12	0		RESISTOR, CF , +/- 5% 1/4W 15K	1	R1	
13	0		RESISTOR, CF , +/- 5% 1/4W 1K	3	R2, R3, R4	
14	0		RESISTOR, CF , +/- 5% 1/4W 10K	2	R10, R11	
15	0		RESISTOR, CF , +/- 5% 1/4W 470	1	R16	
16	0		Switch Holder (ABS)	1		
17	0		Power Switch (SE1022-SD-00-F-BL-00) VDE approve	1	J1	
18	0		SW_Tact (RS-014RD)	3	SW1, SW2, SW3	
19	0		Triac P/N : T410-600T (SGS-Thomson)	1	TH1	
20	0		NPN Transistor 9014C	1	Q1	
21	0		crystal 32768Hz	1	FR1	
22	0		Heat seal Cable, 15pins, L=100mm, Pitch=1.2mm	1		
23	0		PCB single side (108mmx54mm) Thickness = 1.6mm	1	DSS01MB-REV C	
24	0		Wire, UL1007, 20AWG, Length = 180mm (Black)	1	between fuse and power switch	

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 Page 2 of 5

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Item	L	Part No.	Description	Qty	Location	Remark
25	0		Power Cord (LENGTH=10 FT, SANTAI P/N:H03VV-F,EA	1		
26	0		HEAT SINK (HS-075B Black)	1		
27	0		screw for heat sink (3 x 6)mm "PM"	1	Heatsink	
28	0		nut for heat sink 3504-1	1	Heatsink	
32	0		VARIABLE RESISTOR 1K	1	R15	
33	0		Zener Diode 4.7V (B2X55C4V7ST)	1	D10	
34	0		Wire, UL1007, 22AWG, Length = 150mm (Blue)	1	wire for sensor	
35	0		Wire, UL1007, 22AWG, Length = 150mm (white)	1	wire for sensor	
36	0		Wire, UL1007, 22AWG, Length = 180mm (red)	1	wire for heater	
37	0		Wire, UL1007, 22AWG, Length = 180mm (yellow)	1	wire for heater	
39	0		Connector Contact (10-027-013)	1		
40	0		Extenal teeth washer M3	1	For heatsink	
	2		MAIN UNIT CASING ASSEMBLY			
1	1		PCB Assembly (1.60mm THK. Single Side FR Board)	1		
2	0		Upper Housing (PC 94V0)	1		
3	0		Lower Housing (PC 94V0)	1		
4	0		Panel (PC 94V0)	1		
5	0		Transformer (Foreen : 2308-7601-92)	1		
6	0		Push Button (ABS)	1		
7	0		Big Push Button (ABS)	1		
8	0		Slide Knob (ABS)	1		
9	0		Din Socket (Lion P/N JR2712 : LN-0505)	1		
10	0		Powercord BUSHING (TCM : 5B-2)	1		
11	0		Screw M2.6 x 8, Round Head, 'BT' Type	5	PCB	
12	0		Screw M2.6 x 6, Round Head, 'BT' Type	2	Pin Socket	
13	0		Screw M2.0 x 4, Round Head, 'B' Type	2	Lcd	

WERNEX ELECTRONIC LTD.

Model No. : DSS-01
 Model Name : Soldering Station
 Revision : 14
 Page 3 of 5

Prepared By : RAYMOND LEE, Jackie Yip

APPROVED BY :

Date : 13-Nov-95

Item	L	Part No.	Description	Qty	Location	Remark
14	0		Screw M3.0 x 15, Round Head, 'BT' Type	4	Upper & Lower Housing	
15	0		Screw M3 x 55, Washer Head Dia.10.0, 'BT' Type	4	Transformer	
16	0		Screw M2 x 5, COUNTERSUNK Head, 'AB' Type	2		
17	0		Fuse 0.5A (5x20mm VDE approval)	1		
18	0		Fuse Holder (Marushin P/N : MF-528)	1		
19	0		Rubber Foot (Dia. 10 x 6.0 mm)	5	One for heat sink	
20	0		Heat sink tube (dia. 4/2 mm, Length = 30 mm)	3	For fuse and wire/ POTENTIAL EQUILATION SOCKET	
21	0		Fibre washer (O.D.=10mm, I.D.=2.4mm, T=0.8mm)	2	For LCD	
21	0		Metal washer M2 x 7	2		
22	0		Metal washer M2.6 X 7	2		
23	0		PVC TUBE (INNER Dia. 4.5mm, L=15mm, THK.0.2mm)	1	FOR PUSH BUTTON	
24	0		POTENTIAL EQUILATION SOCKET	1		
25	0		WASHER (MODEL No.B107A-1) BRASS	1	FOR POTENTIAL EQUILATION SOCKET	
26	0		WIRE UL1007, AWG22, L=180mm "GREEN"	1	FOR SOLDERING IRON TO GROUNDING	
	2		SOLDER PART CASING ASSEMBLY			
1	1		Cable Assembly			
2	0		Handle (Phenol) (Colour : Black)	1		
3	0		Steel Tube (Nickel Plated Stainless Mild Steel)	1		
4	0		Phenol Cap (Phenol) (Colour : Black)	1		
5	0		FR Insulator (Heat-Conduct, FR Insul. Sil. Rubb)	1		
6	0		Screw M2.6 x 6, Round Head, 'BT' Type	3		
7	0		CABLE TIE	1		
8	0		Sensor (L=50mm)	1		
9	0		Fibre-glass tube (inner dia.=2.5, L=42, T=0.2mm)	2	For filament connector	
10	0		CONNECTOR MALE TERMINAL (LEIMEN P/N:ST750293-3)	2	For sensor connector	
11	0		CONNECTOR FEMALE TERMINAL (LEIMEN P/N:ST730291-	2	For sensor connector	

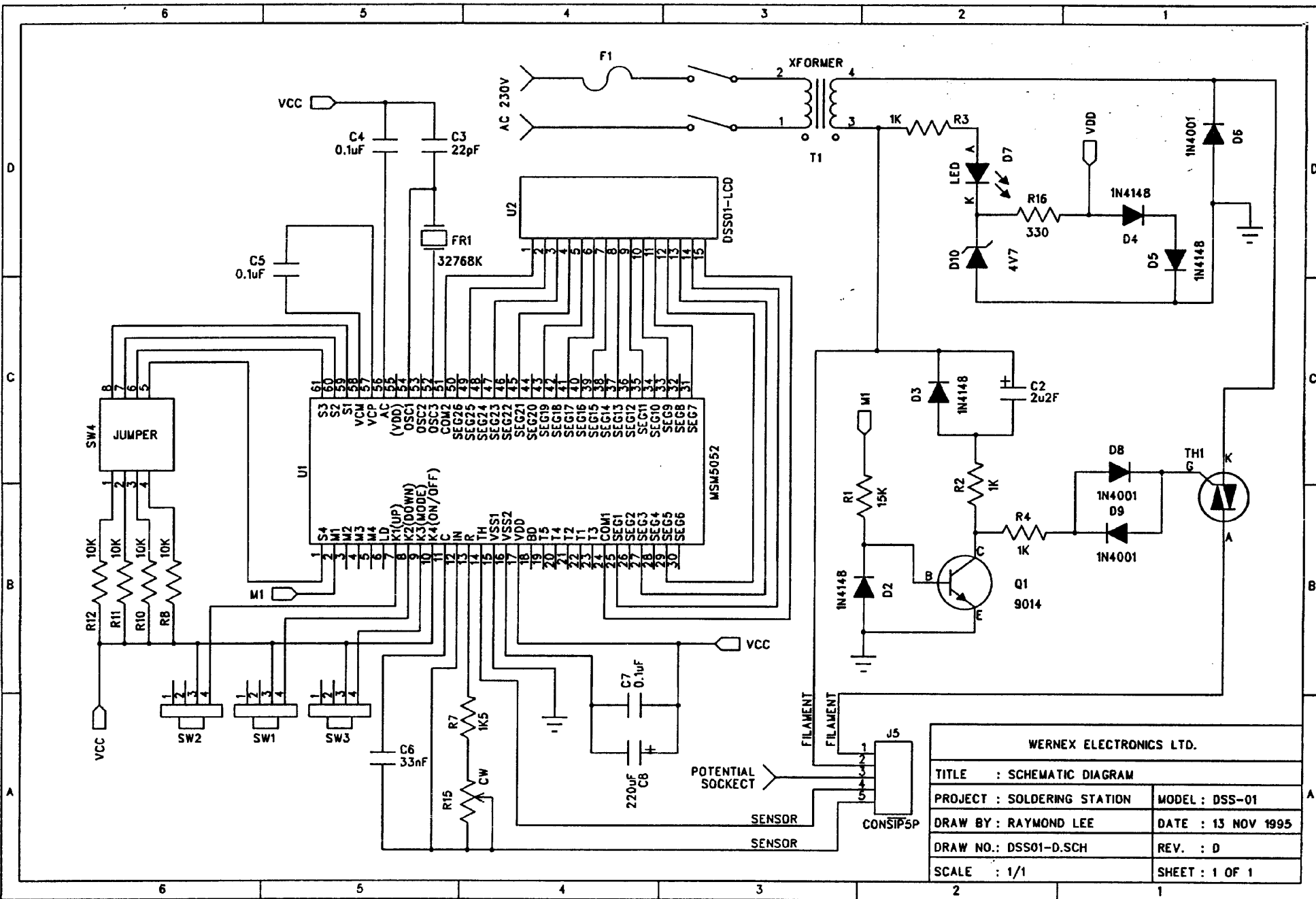
WERNEX ELECTRONIC LTD.

Model No. : DSS-01
 Model Name : Soldering Station
 Revision : 14
 Page 4 of 5

Prepared By : RAYMOND LEE, Jackie Yip
 APPROVED BY :

Date : 13-Nov-95

Item	L	Part No.	Description	Qty	Location	Remark
12	0		Filament Module (60W 24V, INCLUDING 2 SCREW, heater used circular wire)	1		
13	0		Fibre-glass tube (inner dia.=1.0, L=30, T=0.2mm)	2	For sensor	
14	0		Fibre-glass cord (Length=40mm, THK.=0.8mm)	1		
15	0		CONNECTOR TERMINAL (LEIMEN P/N:ST760320-1)	2	For filament connector	
16	0		Fiber-glass tube (inner dia.=2.5, L=80, T=0.2mm)	2	For sensor connector	
17	0		Spring washer (I.D.=2.8, O.D.=4.2, THK.=0.4mm)	3	For M2.6 x 6 SCREW	
18	0		Connector contact (For M2.6 screw)	1		
	1		Cable Assembly			
1	0		5 PIN DIN PLUG L=5FT, W/5WIRE	1		
2	0		Wire, UL1007, 20AWG,Red about 5 FT.	1		
3	0		Wire, UL1007, 20AWG,blue about 5 FT.	1		
4	0		Wire, UL1007, 28AWG,White about 5 FT.	1		
5	0		Wire, UL1007, 28AWG,White about 5 FT.	1		
	3		PACKING ASSEMBLY			
1	2		Main UNIT CASING ASSEMBLY	1		
2	0		POLYBAG for SOLDERING TIP & SCREW M3.0 x 10	1		
3	0		Bubble bag (MAIN UNIT, SOLDER PART, SPRING COIL	3		
3	0		INSTRUCTION MANUAL	1		
4	0		GIFT BOX	1		
5	0		EXPORT CARTON	1		
6	0		COMPRESSED SPONGE (74x45x2mm)	0.5		
7	0		SOLDERING TIP (60W)	1		
8	2		SOLDER PART CASING ASSEMBLY	1		
9	0		Solder Stand Holder (Phenol) (Colour : Black)	1		



WERNEX ELECTRONICS LTD.	
TITLE : SCHEMATIC DIAGRAM	
PROJECT : SOLDERING STATION	MODEL : DSS-01
DRAW BY : RAYMOND LEE	DATE : 13 NOV 1995
DRAW NO.: DSS01-D.SCH	REV. : D
SCALE : 1/1	SHEET : 1 OF 1