



Title :STH-01 Power Supply		
Size	Number	Revision
A3		
Date: 2016/8/3	Sheet of	
File: D:\Dropbox\KAFEI.SchDoc		Drawn By:

MODEL:STH01 Power Supply

Date: 2016/06/30

Ver: A1

AI	Item	Designator	Specification	Count
P	1	BZ1	BUZZER	1
P	2	C11	E-CAP 10*13 10uF 400V	1
P	3	C12	E-CAP 8*14 6.8uF 400V	1
P	4	C14	E-CAP 5*11 4.7uF 50V	1
P	5	C23	E-CAP 10*13 1000uF 16V	1
P	6	C31	E-CAP 6.3*12 470uF 10V	1
	7	C13	SMD CAP 1206 102p	1
	8	C21,C22	SMD CAP 0805 222p	2
	9	C22A,C26,C34,C32	SMD CAP 0805 104p	4
	10	C25	SMD CAP 0805 332p	1
	11	C27	SMD CAP 0805 105p	1
	12	C29	SMD CAP 0805 102p	1
	13	C30	SMD CAP 0805 103p	1
	14	C211	SMD CAP 0805 101p	1
	15	CX1,CX2	X2 CAP 224p 275V	2
	16	CY1,CY2	Y1 CAP 102p 400V	2
	17	D12	SMD DIODE 1A 1000V SOD-123FL	1
	18	D11	SMD DIODE 200V 0.2A SOD-123	1
	19	D22,D23,D24	SMD DIODE 0.3A 75V SOD-123	1
	20	D21	SMD DIODE 3A 100V SMAF	1
	21	BD2	SMD BRIDGE RECTIFIERS 1A 1KV	1
	22	BD1	BRIDGE RECTIFIERS 6A 800V	1
P	23	F1	DIP RES RXF 3.9R 2WS 5%	1
P	24	R-PTC1	Resetable Fuse 130VAC/1500mA	1
P	25	LIAN1-3	Relay 10A/240VAC/12A/120VAC	3
P	26	L12	COATED CHOKE 1W 330uH	1
P	27	L11	SMD BEADS	1
P	28	L21	DR/X8 10uH 0.4mm	1
P	29	CY1	CHOKE BEAD RH3.5*3*1.2	1
	30	Q22-25,Q27-29,Q30,Q223	SMD TR 1.5A 40V RANK=H SOT-23	9
	31	Q21,Q26	SMD TR 1.5A 40V RANK=H SOT-23	2
	32	U11	SMD IC SOP-7 150°C	1
	33	U21	SMD IC SOP-8 150°C	1
	34	R1A-C,R210	SMD RES 0805 510K 5%	4
	35	R2A-C	SMD RES 0805 1.5M 5%	3
	36	R2D,RJ1-3	SMD RES 0805 0R 5%	4
	37	R101	SMD RES 0805 51R 5%	1
	38	R102	SMD RES 0805 10K 1%	1
	39	R104	SMD RES 0805 30.1K 1%	1
##	40	R105,R106	SMD RES 1206 16R 5%	2
	41	R107	SMD RES 1206 15R 5%	1
	42	R108,R109	SMD RES 1206 100K 5%	2
	43	R201,R202	SMD RES 0805 20R 5%	2
	44	R205-8	SMD RES 0805 200K 5%	4
	45	R209,R215-6,R218-22,R224-5,R227-232	SMD RES 0805 10K 5%	16
	46	R213	SMD RES 0805 9.53K 1%	1
	47	R214	SMD RES 0805 44.2K 1%	1
	48	R217	SMD RES 0805 10R 5%	1
	49	R226	SMD RES 0805 1K 5%	1
	50	MOV1	VARISTOR 10D471K	1
	51	T1	TRANSFORMER STH01-12	1
	52	MOT	CONNECTOR 3PIN	1
	53	PTC	CONNECTOR 3PIN	1
	54	ICON2	CONNECTOR 2PIN	1

55	CON4	CONNECTOR 4PIN	1
56	CON12	CONNECTOR 12PIN	1
57	WEN1	Receptacle	1
58	PCB	PCB STH01 V01 1.6mm CEM-1 127mmX85mm	1