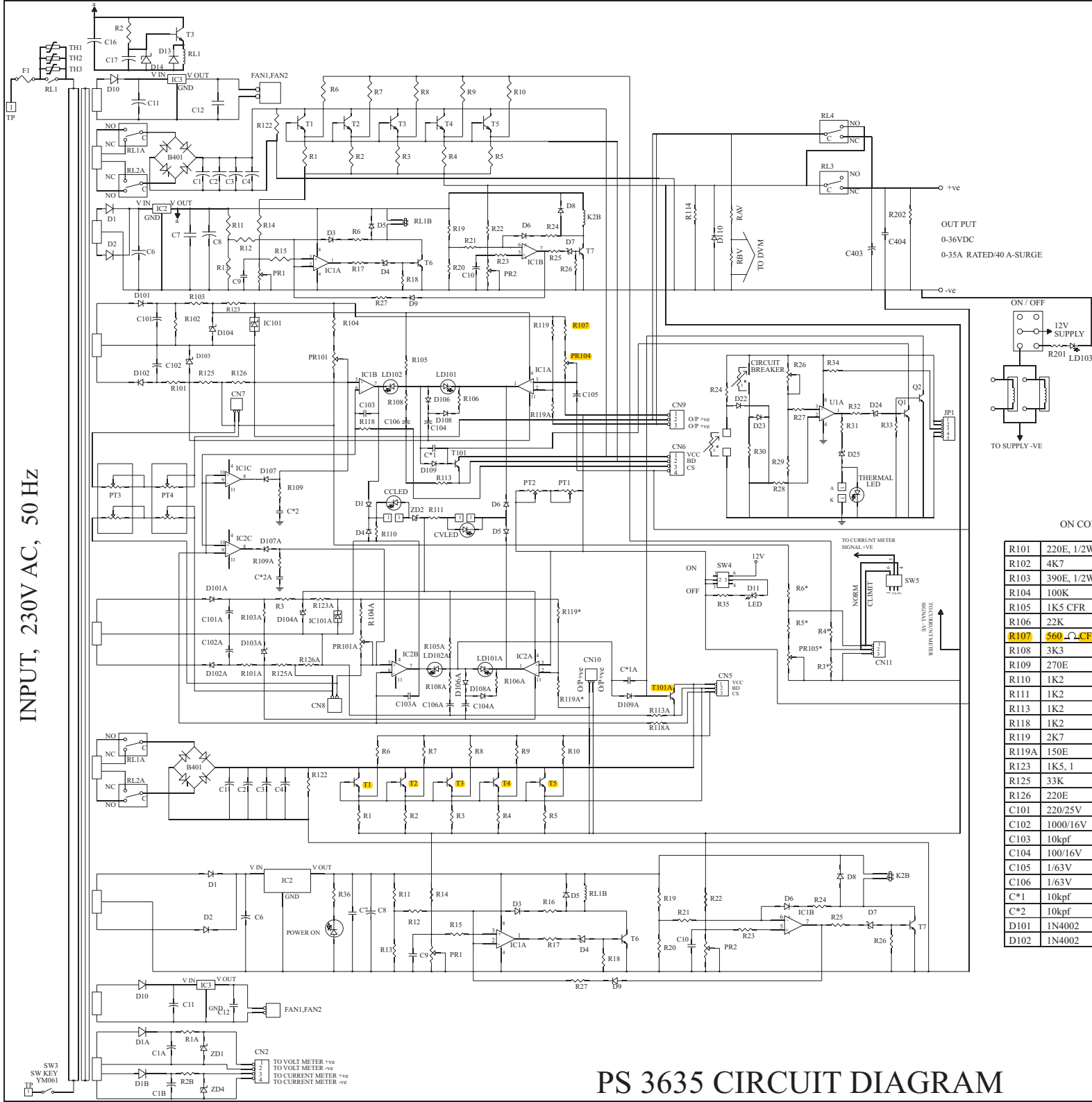


INPUT, 230V AC, 50 Hz



ON POWER PCB

R1	0.15 Ω 5W	R25	3K3	D4	6.2V
R2	0.15 Ω 5W	R26	10K	D5	1N4002
R3	0.15 Ω 5W	R27	470 Ω	D6	1N4002
R4	0.15 Ω 5W	R122	8K2, 1W	D7	6.2V
R5	0.15 Ω 5W	RAV	100K	D8	1N4002
R6	100 Ω	RBV	100 Ω	D9	1N4002
R7	100 Ω	R114	4K7, 1/2W	D10	1N4002
R8	100 Ω	C1	10000uF/63V	IC1	LM1458
R9	100 Ω	C2	10000uF/63V	IC2	7815
R10	100 Ω	C3	10000uF/63V	IC3	7812
R11	4K7	C4	10000uF/63V	T1	2N3773
R12	10K	C5		T2	2N3773
R13	1K5, 1	C6	1000uF/25V	T3	2N3773
R14	33K	C7	100kpf	T4	2N3773
R15	10K	C8	47uF/25V	T5	2N3773
R16	100K	C9	10uF/25V	T6	C2236
R17	3K3	C10	10uF/25V	T7	C2236
R18	10K	C11	1000uF/25V	B401	KBPC3504
R19	4K7	C12	100kpf	D110	KBPC3504
R20	3K3	C404	1000uF/50V	RL1	12VDC
R21	10K	C403	10kpf X 2	RL2	12VDC
R22	100K	D1	1N4002	PR1	100K
R23	10K	D2	1N4002	PR2	100K
R24	100K	D3	1N4002		

SOFT START PCB

R2	10K, 1/2W	D14	12.0V	TH1	
C17	47/25 ELCO	D13	1N4082	TH1	22E/4Amp
C16	1000/25 ELCO	RL1	832N-1A-C	TH1	
T3	BD139				

ON CONTROL PCB

R101	220E, 1/2W	D103	6.2V	C*1A	10kpf	R4*	100K
R102	4K7	D104	12V	C*2A	10kpf	R5*	15K
R103	390E, 1/2W	D106	1N4148	D101A	1N4002	R6*	180K
R104	100K	D108	1N4002	D102A	1N4002	PR105*	10K
R105	1K5 CFR	D109	1N4002	D103A	6.2V	R35	1K5
R106	22K	IC101	LM336	D104A	12V	PR101	100K
R107	560 Ω CFR	T101	TIP31C	D106A	1N4148	PR101A	100K
R108	3K3	R101A	220E, 1/2W	D108A	1N4002	PR104	220E
R109	270E	R102A	4K7	D109A	1N4002	PT1	10K
R110	1K2	R103A	390E, 1/2W	IC101A	LM336	PT2	1K
R111	1K2	R104A	270K+100K	T101A	TIP31C	PT3	100K
R113	1K2	R105A	1K5CFR	R24	1K	PT4	50K
R118	1K2	R106A	22K	R27	10K	LD102	RED 3mm
R119	2K7	R108A	3K3	R28	10K	LD102A	RED 3mm
R119A	150E	R109A	270E	R34	1K5	LD101	GRN 3mm
R123	1K5, 1	R113A	1K2	R33	10K	LD101A	GRN 3mm
R125	33K	R118A	1K2	R29	3K3	R1A	10E
R126	220E	R119*	2K7	R32	3K3	R1B	10E
C101	220/25V	R119A*	150E	R31	1K5	D1A	1K4002
C102	1000/16V	R123A	1K5, 1	Q1	2N5551	D1B	1N4002
C103	10kpf	R125A	33K	Q	2N5551	C1A	100uF/16V
C104	100/16V	R1026A	220E	D22	1N4002	C1B	100uF/16V
C105	1/63V	C101A	220/25V	D23	1N4002	ZD1	9.1V
C106	1/63V	C102A	1000/65V	D24	6.2V	ZD4	9.1V
C*1	10kpf	C103A	10kpf	D25	6.2V	ZD3	3.9V
C*2	10kpf	C104A	100/16V	TH2	100K		
D101	1N4002	C105A	1/63V	PR1*	1K		
D102	1N4002	C106A	1/63V	R3*	13.5K		

NOS.	DESCRIPTION	APPD.	CHK.	DATE
AMEND				
SONODYNE INTL. LTD., MUMBAI.				DATE:- 07/01/03
SCHEMATIC CIRCUIT DIAGRAM OF PS 3635				
DRG. NO.:	DRN. BY	CHD. BY	APPD. BY	REV.
SIL / 16 / 0225	PRASANNA	D.D.	S.R.Shinde	0 0

PS 3635 CIRCUIT DIAGRAM