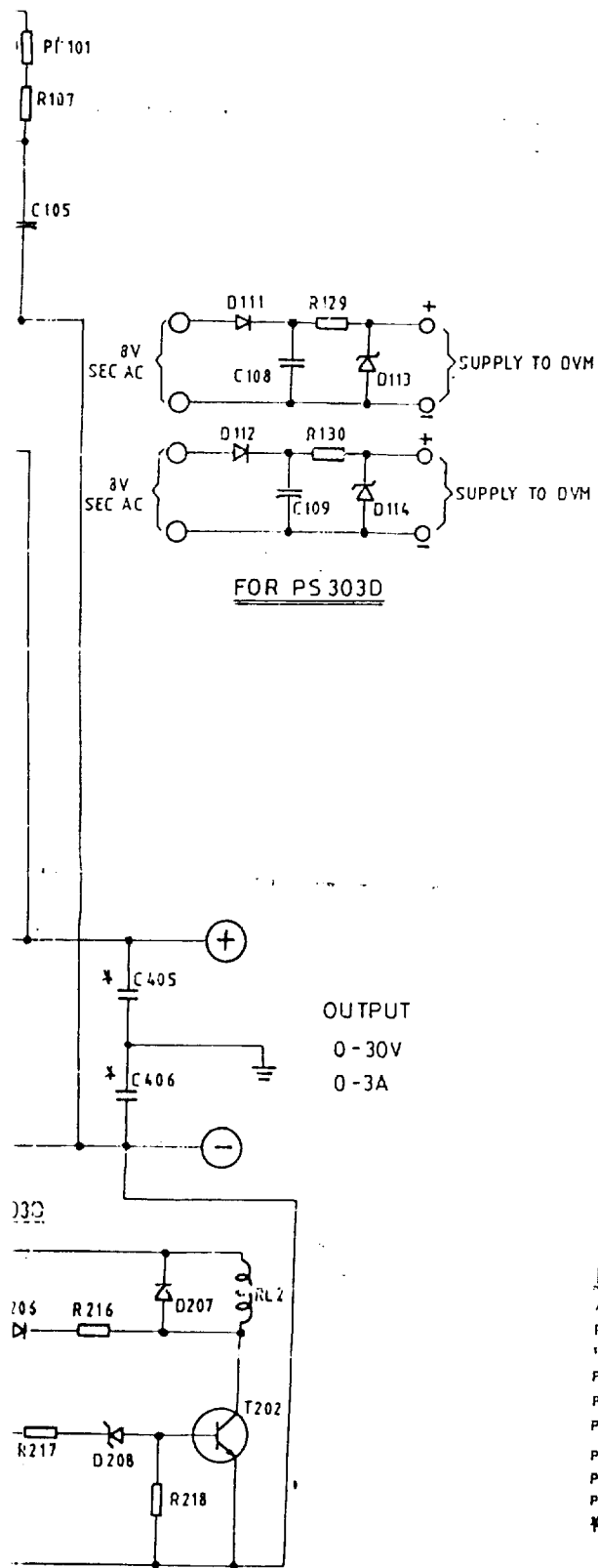


SCHEMATIC CIRCUIT DIAGRAM OF MODEL PS-303A/303D



R 101	220Ω 1/2W	R 401	—	D 201	1N 4002
R 102	4K7	R 402	—	D 202	—
R 103	390Ω 1/2W	R 403	—	D 203	1N 4002
R 104	150K/180K/220K	R 404	0.22Ω 5W	D 204	—
R 105	1K5			D 205	6.2V FZ
R 106	3K3			D 206	—
R 107	560Ω/680Ω/1K			D 207	1N 4002
R 108	33K			D 208	6.2V FZ
R 109	—	C 101	220/35V		
R 110	—	C 102	1000/16V	B 401	LT 4A 03 (X4)
R 111	—	C 103	10KPF		
R 112	100Ω	C 104	100/16V	T101	TIP 31A
R 113	1K2	C 105	1/100V	T102	2N 5551
R 114	10K	C 106	10KPF		
R 115	330Ω (MFR)	C 107	0.22μF/100V	T201	2N 5551
R 116	100Ω	C 110	220/16V	T202	2N 5551
R 117	27K	C 111			
R 118	1K5 (MFR)			T404	2N 3773
R 119	—	C 201	470μF/35V		
R 120	8K2 1W	C 202	100KPF		
R 121	33K (MFR)	C 203	10/25V	IC 101	LM 336 (2.5V)
R 122	220Ω (MFR)	C 204	10/25V	IC102A	LM 1458
R 123	330Ω (MFR)			IC102B	
R 124	6K8 (MFR)			IC202	LM 1458
R 125	—			RL 1	
R 125	10K	C 401	3300/63V	RL 2	12V RELAY
R 127	4K7	C 402	100/50V	RL 3	THERMAL RELAY
R 128	4K7	C 403	—		
R 201	4K7	C 404	—	IC 201	7812
R 202	3K3	C 405	10KPF		
R 203	10K	C 406			
R 204	33K			F 1	1 AMP SLOW BLOW
R 205	33K				
R 206	10K	D 101	1N 4002		
R 207	100K	D 102			
R 208	3K3	D 103	6.2V FZ	R 129	100Ω 1/4W
R 209	10K	D 104	12V FZ	C 108	100/16V
R 210	4K7	D 105	LED (RED)	C 109	
R 211	3K3	D 106	1N 4148	D 111	1N 4002
R 212	10K	D 107	LED (GREEN)	D 112	
R 213	22K	D 108	1N 4002	D 113	9.1VZ
R 214	6K8	D 109			
R 215	10K	D 110	LT 4A 03		
R 215	100K				
R 217	3K3				
R 218	10K				
				RBC	33K
				D115	LED YELLOW
				RAC	1K5
				RBV	100K
				RAV	100Ω

NOTE:

- ALL RESISTORS ARE 1/4W OHMS AND CAPACITORS IN MICROFARADS UNLESS SPECIFIED OTHERWISE.
- PR 101 - VOLTAGE ADJUST PRESET - 220Ω (CERMET)
- PR 102 - CURRENT ADJUST PRESET - 100K
- PR 103 - CURRENT METER ADJUST PRESET - 1K
- PR 104 - VOLTMETER ADJUST PRESET - 10K
- PR 105 - —
- PT 101 VOLTAGE ADJUST POT 10K (COARSE)
- PT 102 VOLTAGE ADJUST POT 1K (FINE)
- PT 103 CURRENT ADJUST POT - 100K
- * THIS COMPONENTS ARE OUTSIDE PCB.

NOS.	DESCRIPTION	APPD.	CHK.	DATE
A M E N D				
SONODYNE INTL. LIMITED. MUMBAI.				DATE: 19/07/97
SCHEMATIC CIRCUIT DIAGRAM OF MODEL PS-303A / 303D				
DRG. NO.	DRN: BY	CHD. BY	APPD. BY	REV
SIL/16/0029	<i>[Signature]</i>	<i>[Signature]</i>	<i>[Signature]</i>	00