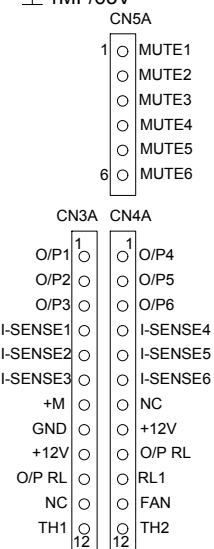
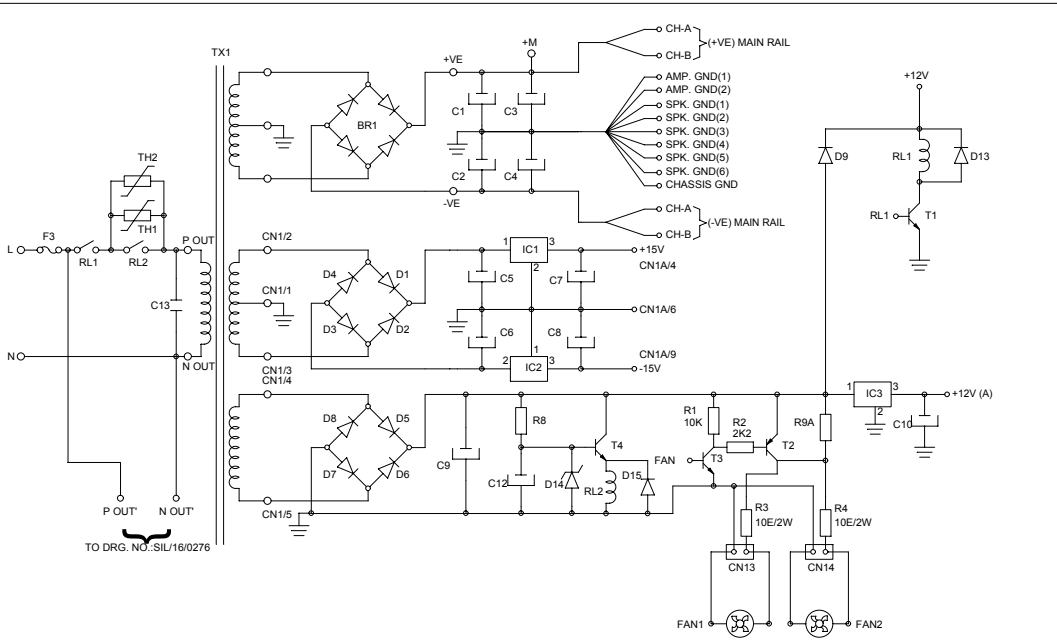
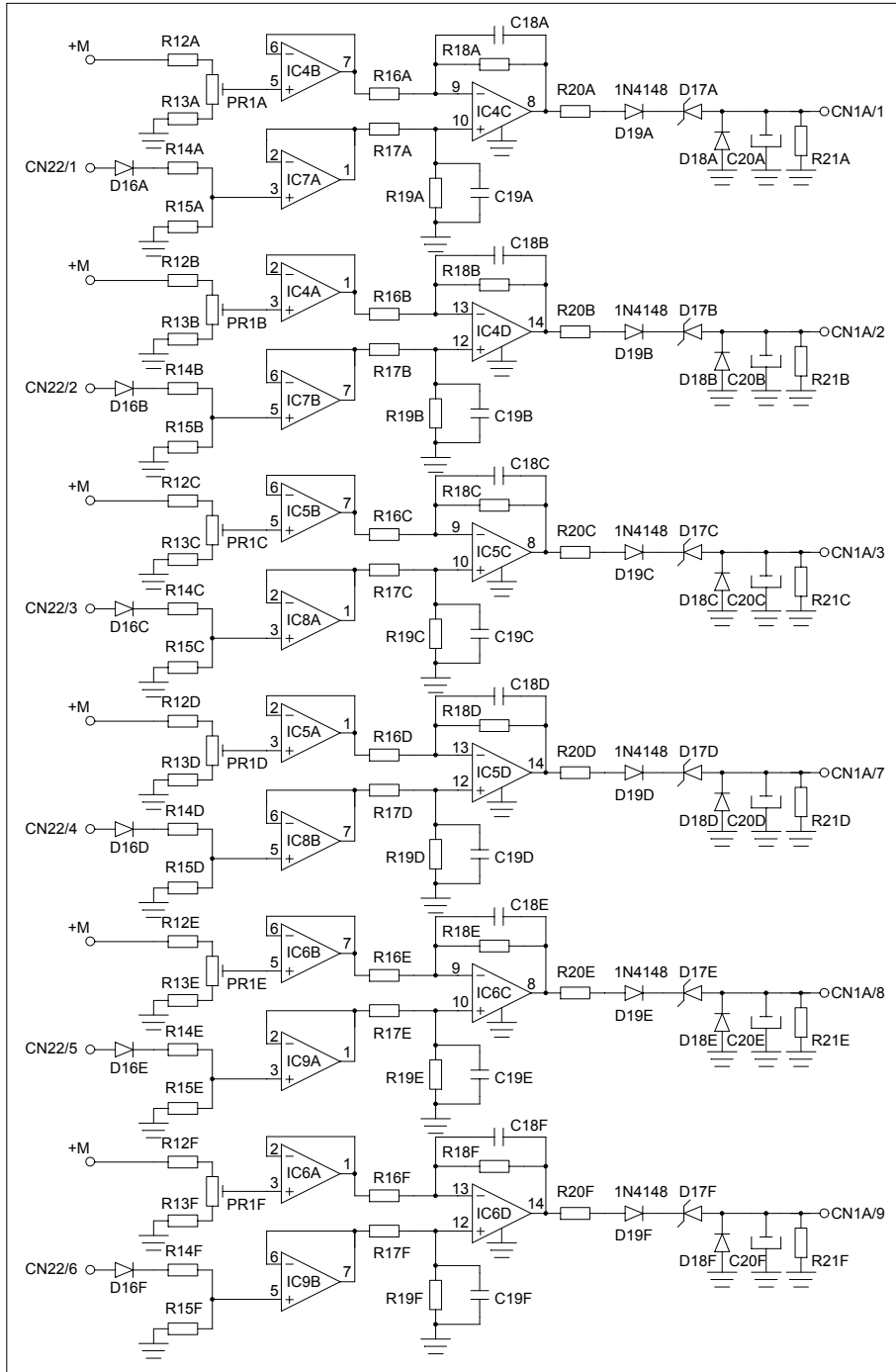


COMPONENT	VALUE	COMPONENT	VALUE
R62,R66,R70	22K	X2,X3	4MHz
R63,R67,R71	1K2	T15	2SC 1815
R64,R68,R72	22K	T16	BD 139
R65,R69	1K8	T17	BD 139
R74,R78,R82	22K		
R75,R79,R83	1K2	TH1,TH2	10K NTC THERMISTER
R76,R80,R84	22K		
R77,R81	1K8	VR1,VR2	5K CERMET PRESET
R86,R87,R88	470E		
R90,R91,R93	470E		
R92	470E	Z20 TO Z31	4.7V ZENER
R97,R99	4K7		
R98	5K6	D7 TO D19	1N4148
R101,R102	1M		
R111	10K	D31 TO D36	1N4148
C15 TO C20	2.2MF/63V	Z32 TO Z37	2.7V
C21 TO C24	22P	R103 TO R108	4K7

FOR SY 4200 = R73 & R85 :- 0E LINK
 FOR SY 6125 = R73 & R85 :- 1K8



NOS.	DESCRIPTION	APPD.	CHK.	DATE
A M E N D				
SONODYNE INTL. LTD., MUMBAI.				DATE:-03 / 05 / 04
SCHEMATIC CIRCUIT DIAGRAM OF SY 6125 FRONT-01 AND SY 4200 FRONT-01				SHEET 2 OF 2
DRG. NO.:	DRN. BY	CHD. BY	APPD. BY	REV.
SIL / 16 / 0281	PRASANNA	DERICK	S.R.Shinde	0 1



NOS.	VALUES	NOS.	VALUES
R8	6K8	D1	1N4007
R9A	47E/5W	D2	1N4007
		D3	1N4007
C1	10000MF/80V	D4	1N4007
C2	10000MF/80V	D5	1N4007
C3	10000MF/80V	D6	1N4007
C4	10000MF/80V	D7	1N4007
C5	1000MF/25V	D8	1N4007
C6	1000MF/25V	D13	1N4007
C7	47MF/25V	D14	1N5242
C8	47MF/25V	D15	1N4007
C9	1000MF/25V		
C10	470MF/25V	T1	BD139
C12	47MF/25V	T2	BD140
C13	0.1MF/275V(X2)	T3	2SC 1815
		T4	BD139
IC1	7815	RL1	812H-1C-C,12V
IC2	7915	RL2	812H-1C-C,12V
IC3	7812	TH1	22E/4A
BR1	KBPC 1502	TH2	

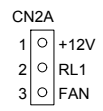
NOS.	VALUES	NOS.	VALUES
R12A TO R12F	22K	IC7A & IC7B	1458
R13A TO R13F	3K3	IC8A & IC8B	1458
R14A TO R14F	5K6	IC9A & IC9B	1458
R15A TO R15F	1K	IC10A & IC10B	1458
R16A TO R16F	47K		
R17A TO R17F	47K		
R18A TO R18F	1M		
R19A TO R19F	1M		
R20A TO R20F	100E		
R21A TO R21F	10K		
D16A TO D16F	1N4148		
D17A TO D17F	3V9		
D18A TO D18F	1N4148		
C18A TO C18F	5P6		
C19A TO C19F	5P6		
C20A TO C20F	10MF / 25V		
PR1A TO PR1F	220E		
IC4A TO IC4D	LM324		
IC5A TO IC5D	LM324		
IC6A TO IC6D	LM324		

ALL RESISTORS ARE 1/2 WATTS.

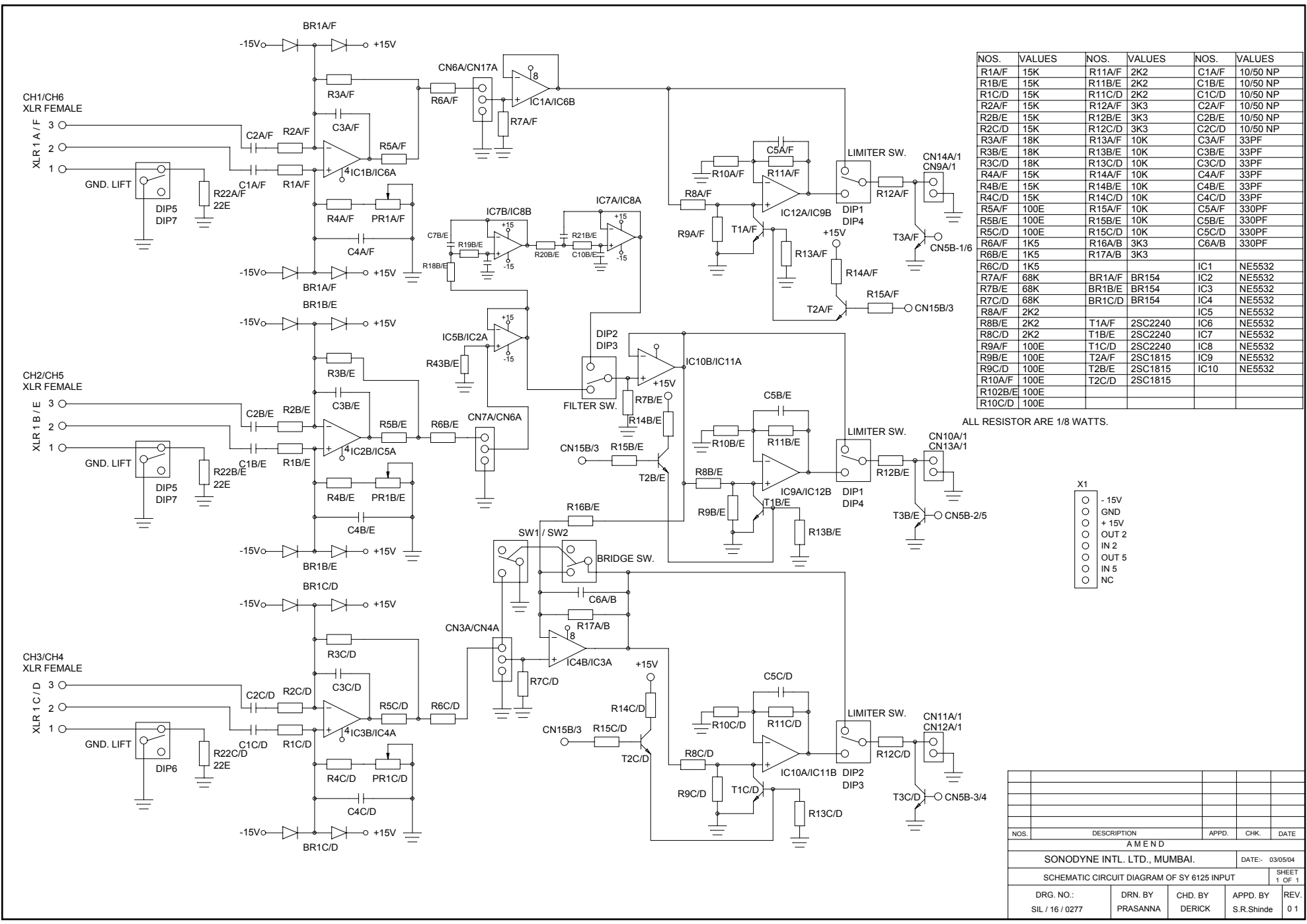
ALL RESISTORS ARE 1/8 WATTS.

VALUE OF (F3) INPUT FUSE

F3 - FOR 230V 50/60Hz OPERATION
6.3A SLOW BLOW FUSE



NOS.	DESCRIPTION	APPD.	CHK.	DATE
A M E N D				
SONODYNE INTL. LTD., MUMBAI.				DATE:- 03 / 05 / 04
CIRCUIT DIAGRAM OF SY 6125 P/S BOARD				SHEET 1 OF 1
DRG. NO.:	DRN. BY	CHD. BY	APPD. BY	REV.
SIL / 16 / 0275	PRASANNA	S.R.S.	S.R.Shinde	0 1

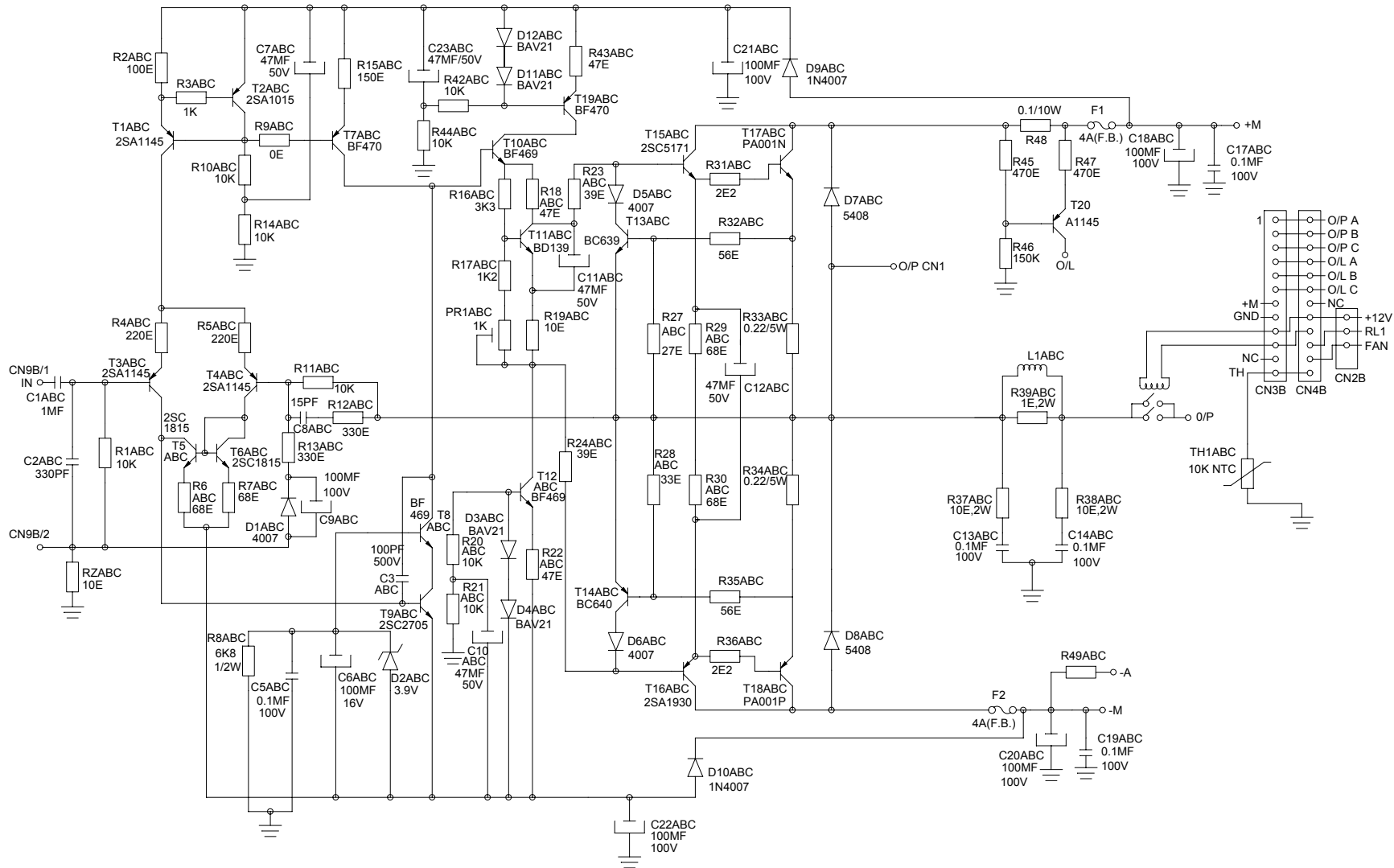


NOS.	VALUES	NOS.	VALUES	NOS.	VALUES
R1A/F	15K	R11A/F	2K2	C1A/F	10/50 NP
R1B/E	15K	R11B/E	2K2	C1B/E	10/50 NP
R1C/D	15K	R11C/D	2K2	C1C/D	10/50 NP
R2A/F	15K	R12A/F	3K3	C2A/F	10/50 NP
R2B/E	15K	R12B/E	3K3	C2B/E	10/50 NP
R2C/D	15K	R12C/D	3K3	C2C/D	10/50 NP
R3A/F	18K	R13A/F	10K	C3A/F	33PF
R3B/E	18K	R13B/E	10K	C3B/E	33PF
R3C/D	18K	R13C/D	10K	C3C/D	33PF
R4A/F	15K	R14A/F	10K	C4A/F	33PF
R4B/E	15K	R14B/E	10K	C4B/E	33PF
R4C/D	15K	R14C/D	10K	C4C/D	33PF
R5A/F	100E	R15A/F	10K	C5A/F	330PF
R5B/E	100E	R15B/E	10K	C5B/E	330PF
R5C/D	100E	R15C/D	10K	C5C/D	330PF
R6A/F	1K5	R16A/B	3K3	C6A/B	330PF
R6B/E	1K5	R17A/B	3K3		
R6C/D	1K5			IC1	NE5532
R7A/F	68K	BR1A/F	BR154	IC2	NE5532
R7B/E	68K	BR1B/E	BR154	IC3	NE5532
R7C/D	68K	BR1C/D	BR154	IC4	NE5532
R8A/F	2K2			IC5	NE5532
R8B/E	2K2	T1A/F	2SC2240	IC6	NE5532
R8C/D	2K2	T1B/E	2SC2240	IC7	NE5532
R9A/F	100E	T1C/D	2SC2240	IC8	NE5532
R9B/E	100E	T2A/F	2SC1815	IC9	NE5532
R9C/D	100E	T2B/E	2SC1815	IC10	NE5532
R10A/F	100E	T2C/D	2SC1815		
R102B/E	100E				
R10C/D	100E				

ALL RESISTOR ARE 1/8 WATTS.

- X1
- -15V
 - GND
 - +15V
 - OUT 2
 - IN 2
 - OUT 5
 - IN 5
 - NC

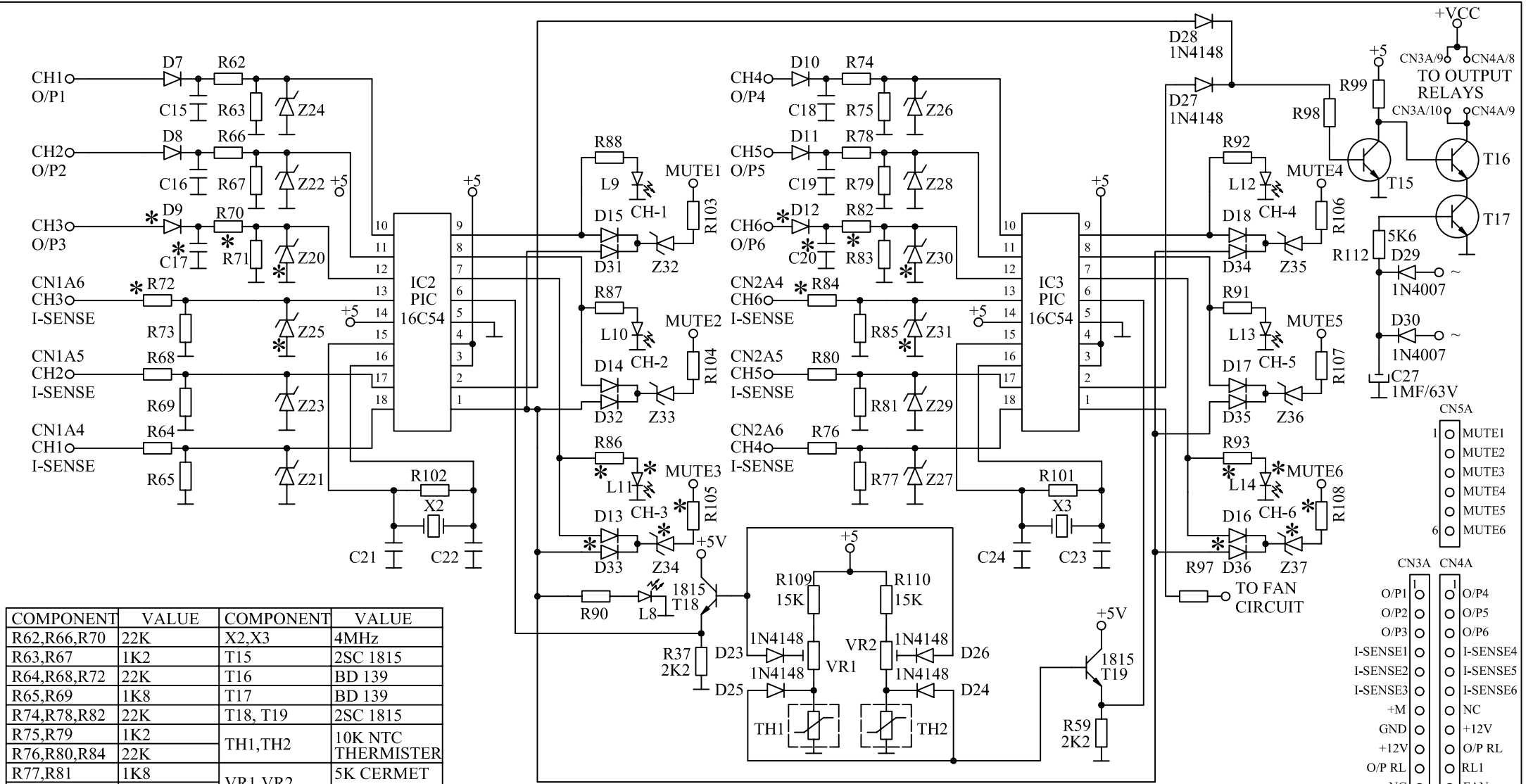
NOS.	DESCRIPTION	APPD.	CHK.	DATE	
A M E N D					
SONODYNE INTL. LTD., MUMBAI.				DATE-	03/05/04
SCHEMATIC CIRCUIT DIAGRAM OF SY 6125 INPUT				SHEET 1 OF 1	
DRG. NO.:	DRN. BY	CHD. BY	APPD. BY	REV.	
SIL / 16 / 0277	PRASANNA	DERICK	S.R.Shinde	01	



SCHEMATIC FOR LEFT AMPLIFIER PCB ONLY SHOWN
 SUFFIX 'A' ON (L) BOARD = CH1
 SUFFIX 'B' ON (L) BOARD = CH2
 SUFFIX 'C' ON (L) BOARD = CH3
 SUFFIX 'A' ON (R) BOARD = CH4
 SUFFIX 'B' ON (R) BOARD = CH5
 SUFFIX 'C' ON (R) BOARD = CH6

ALL RESISTOR ARE 1/2 WATTS UNLESS OTHERWISE SPECIFIED.

NOS.	DESCRIPTION	APPD.	CHK.	DATE
A M E N D				
SONODYNE INTL. LTD., MUMBAI.				DATE:- 03 / 05 / 04
SCHEMATIC CIRCUIT DIAGRAM OF SY 6125 POWER AMP.				SHEET 1 OF 1
DRG. NO: SIL / 16 / 0278	DRN. BY PRASANNA	CHD. BY DERICK	APPD. BY S.R.Shinde	REV. 0 1



COMPONENT	VALUE	COMPONENT	VALUE
R62,R66,R70	22K	X2,X3	4MHz
R63,R67	1K2	T15	2SC 1815
R64,R68,R72	22K	T16	BD 139
R65,R69	1K8	T17	BD 139
R74,R78,R82	22K	T18, T19	2SC 1815
R75,R79	1K2	TH1,TH2	10K NTC THERMISTER
R76,R80,R84	22K	VR1,VR2	5K CERMET PRESET
R77,R81	1K8		
R86,R87,R88	470E		
R90,R91,R93	470E	Z20 TO Z31	4.7V ZENER
R92	470E		
R97,R99	4K7		
R98	4K7		
R101,R102	1M		
R111	10K	D31 TO D36	1N4148
C15 TO C20	2.2MF/63V	Z32 TO Z37	2.7V
C21 TO C24	22P	R103 TO R108	4K7

FOR SY 4200 = R71, R73, R83 & R85 :- 0E LINK
 FOR SY 6125 = R71, R73, R83 & R85 :- 1K8
 "*" THESE COMPONENT NOT USED FOR SY 4200

