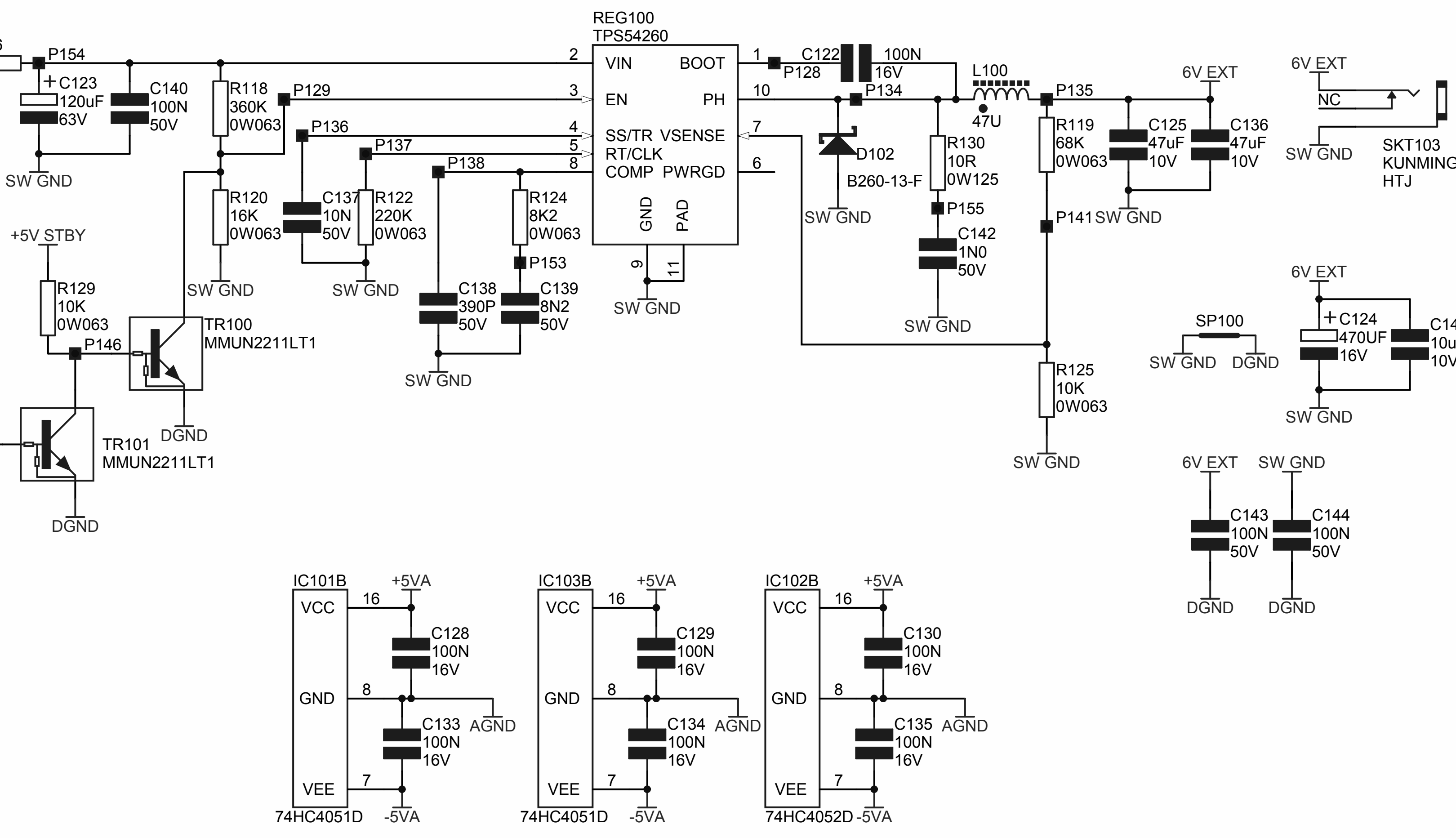
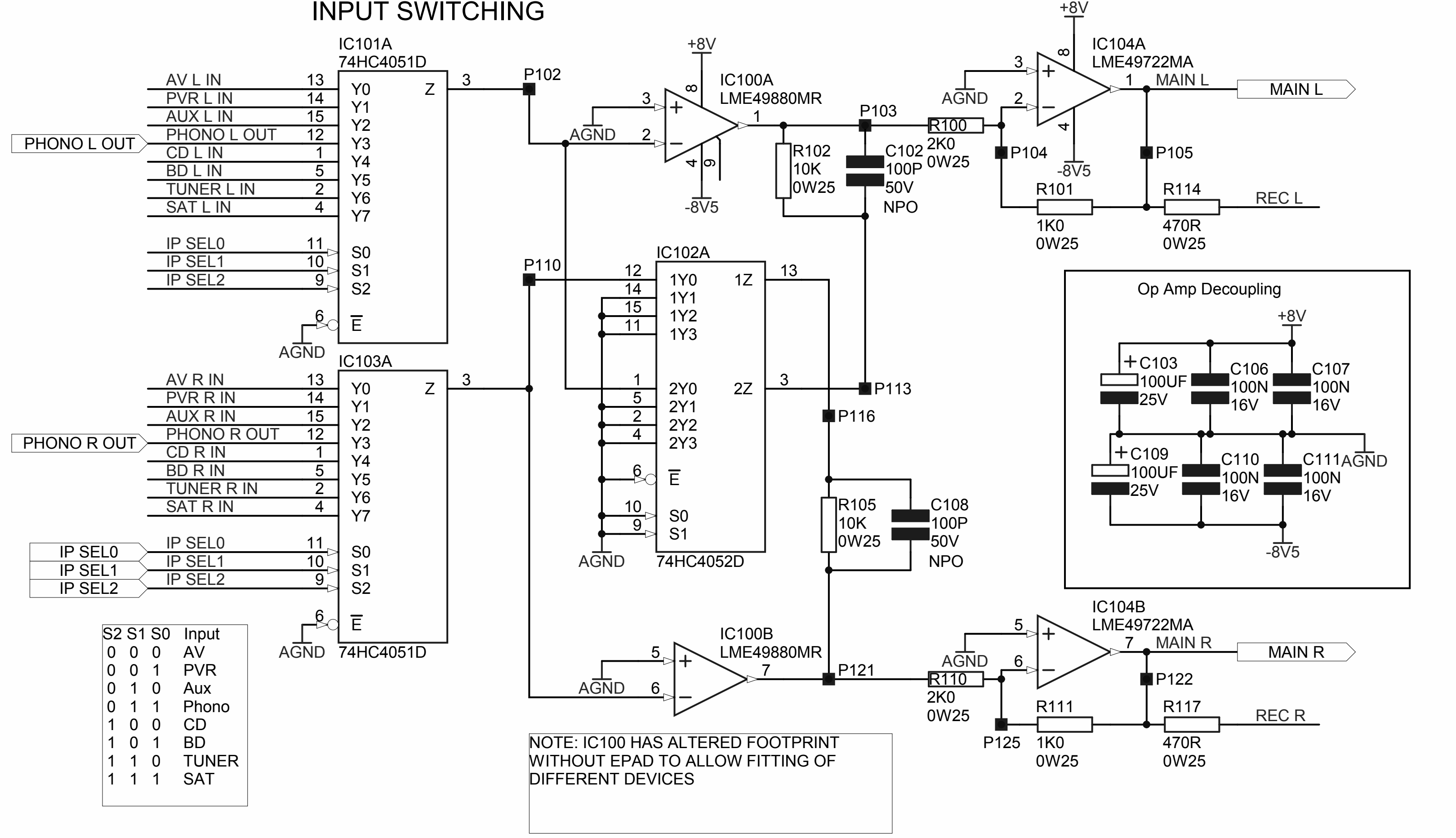
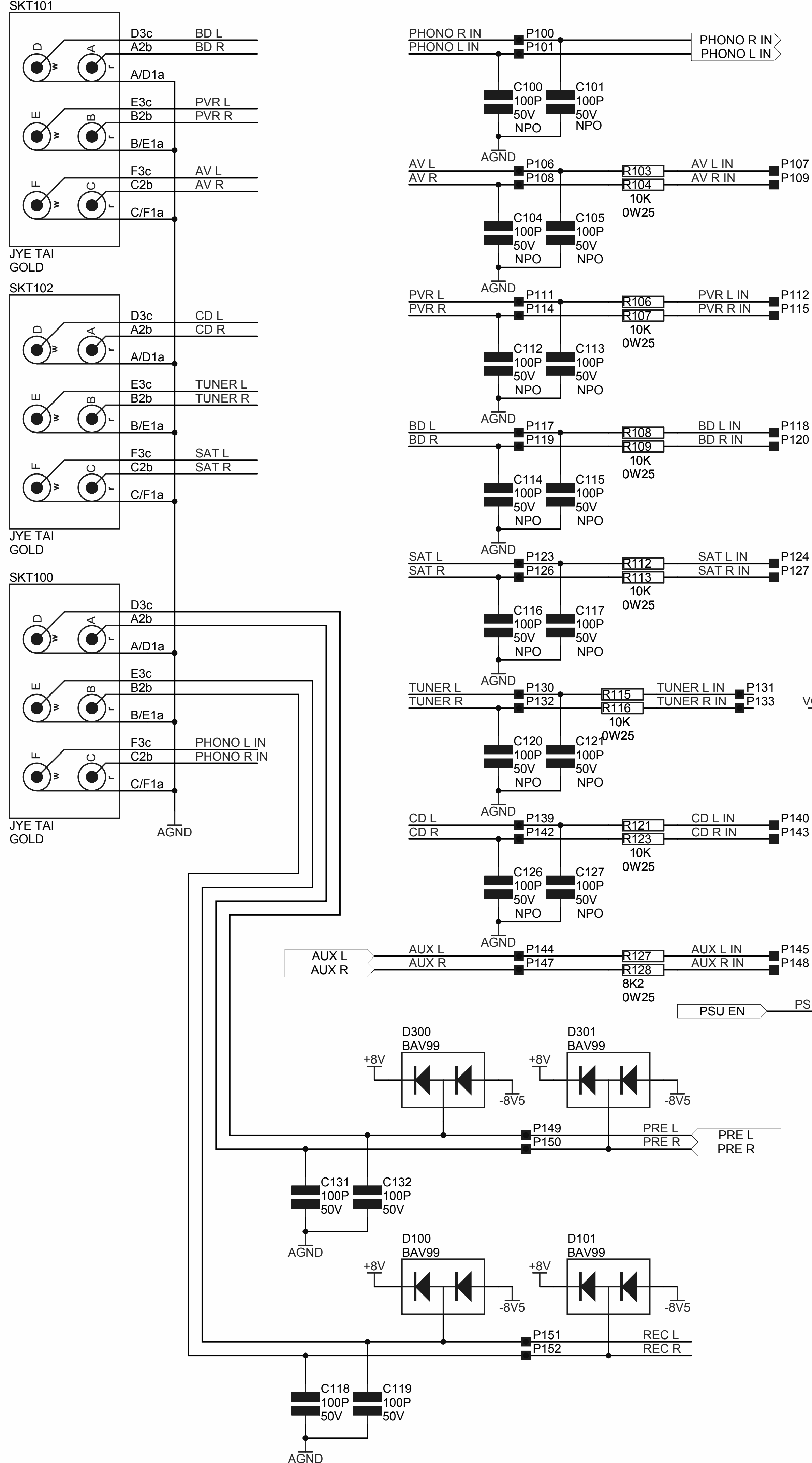
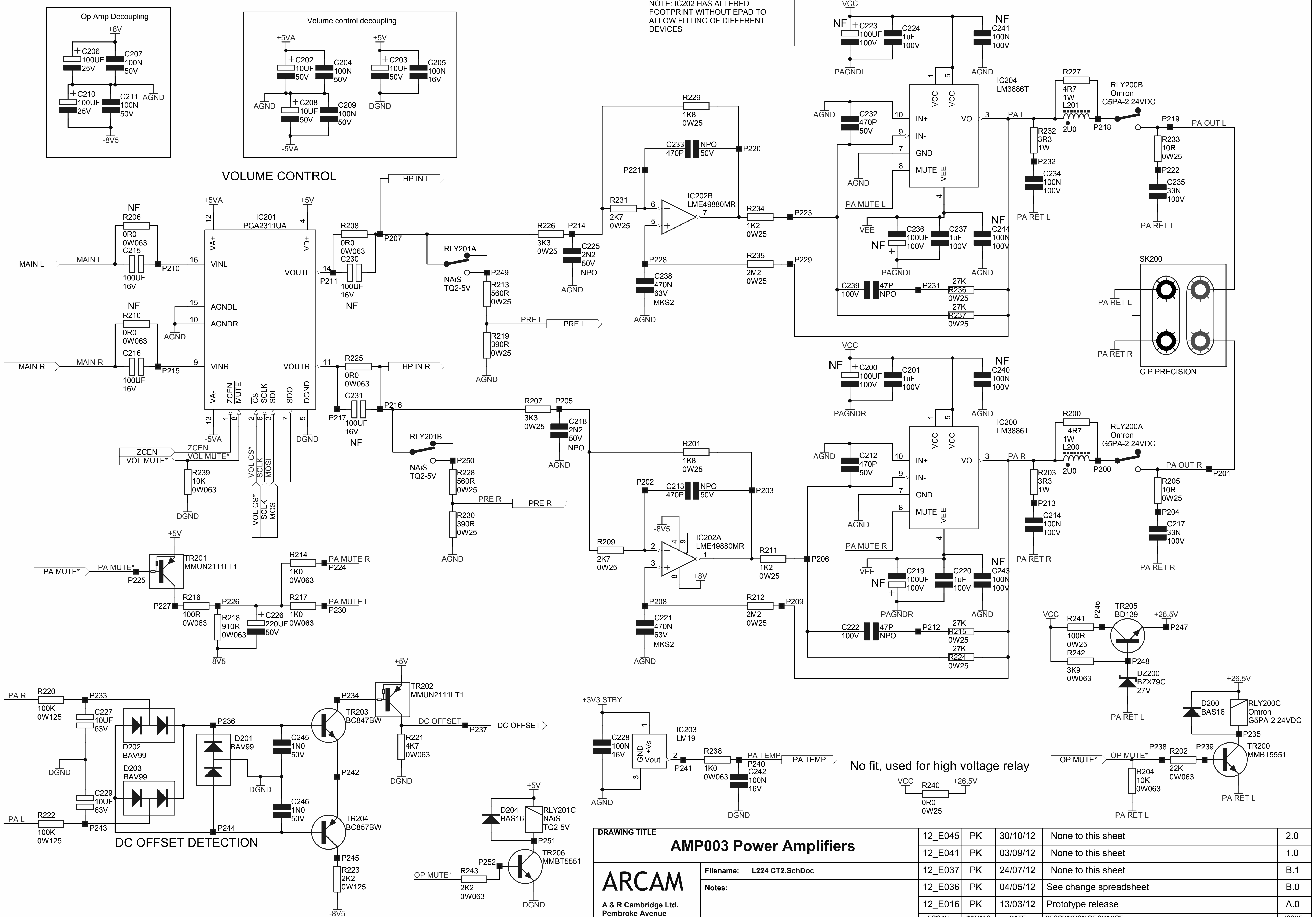


PCB1	1	L224PB	Blank PCB AMP003 Board							
DRAWING TITLE AMP003 Top Level				12_E045	PK	30/10/12	None to this sheet			2.0
				12_E041	PK	03/09/12	None to this sheet			1.0
ARCAM A & R Cambridge Ltd. Pembroke Avenue Waterbeach Cambridge CB25 9QR		Filename: L224 Top Level.SchDoc		12_E037	PK	24/07/12	Add 1nF to fixings			B.1
		Notes:		12_E036	PK	04/05/12	See change spreadsheet			B.0
				12_E016	PK	13/03/12	Prototype release			A.0
				ECO No.	INITIALS	DATE	DESCRIPTION OF CHANGE			ISSUE
		Contact Engineer: Peter Kuell		Contact Tel: (01223) 203207 tel No		Printed: 12/11/2012		Sheet 1 of 7		A3



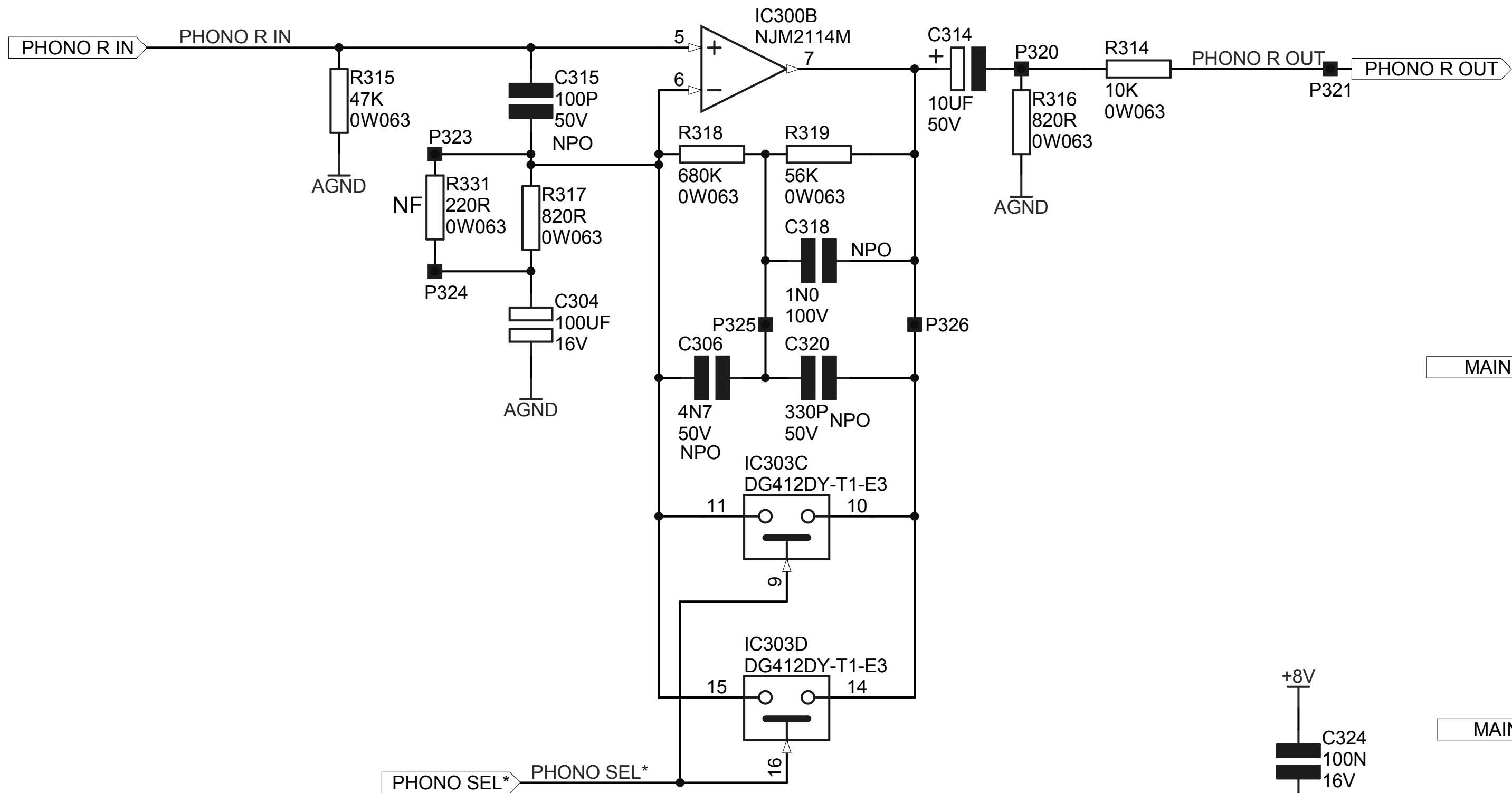
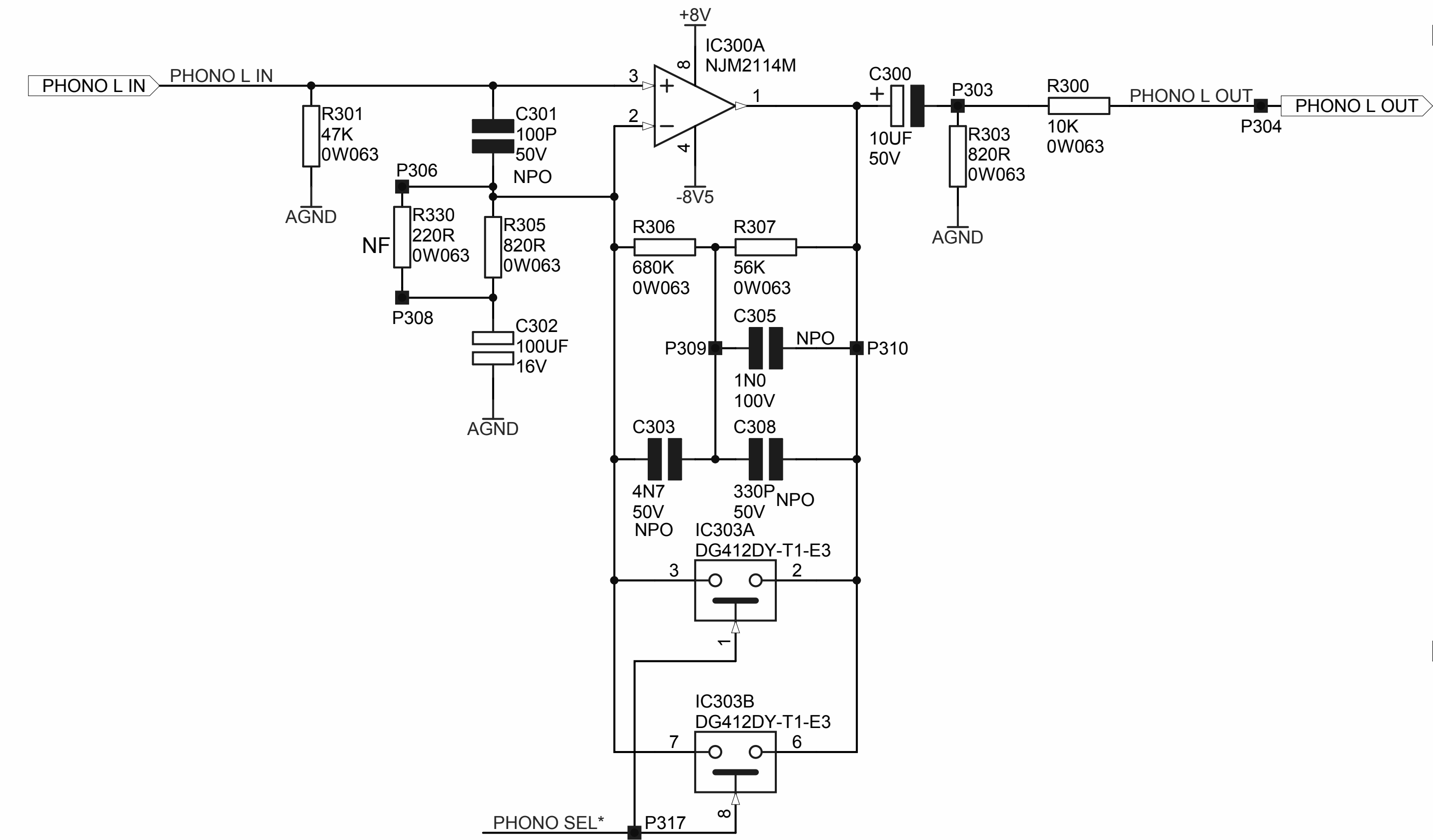
DRAWING TITLE		12_E045	PK	30/10/12	None to this sheet	2.0
AMP003 Input Mux		12_E041	PK	03/09/12	EMC mods to 6V output	1.0
ARCAM A & R Cambridge Ltd. Pembroke Avenue Waterbeach Cambridge CB25 9QR		12_E037	PK	24/07/12	None to this sheet	B.1
		12_E036	PK	04/05/12	See change spreadsheet	B.0
		12_E016	PK	13/03/12	Prototype release	A.0
		ECO No.	INITIALS	DATE	DESCRIPTION OF CHANGE	ISSUE
Contact Engineer:	Peter Kuell	Contact Tel:	(01223) 203207 tel No	Printed:	12/11/2012	Sheet 2 of 7
				A3	DRAWING NO. L224CT	

NOTE: IC202 HAS ALTERED FOOTPRINT WITHOUT EPAD TO ALLOW FITTING OF DIFFERENT DEVICES

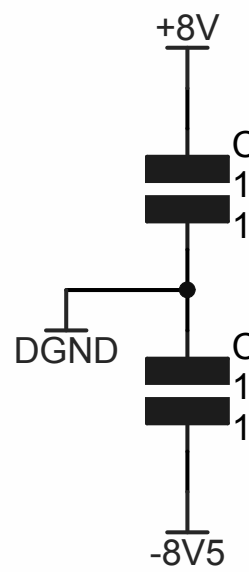
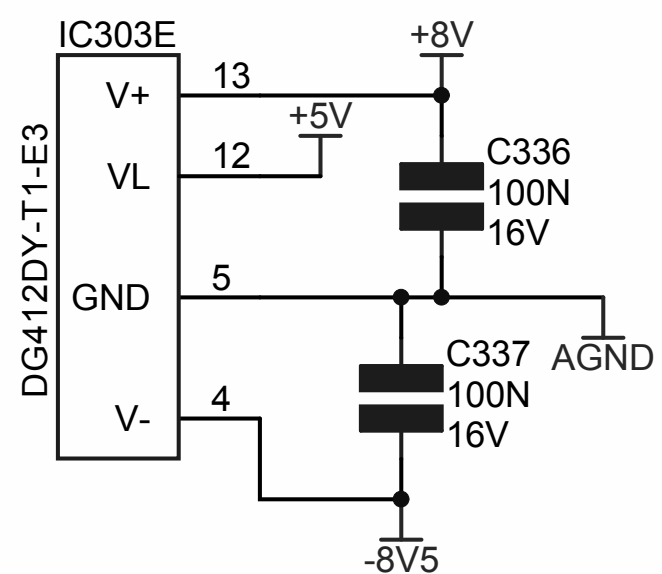
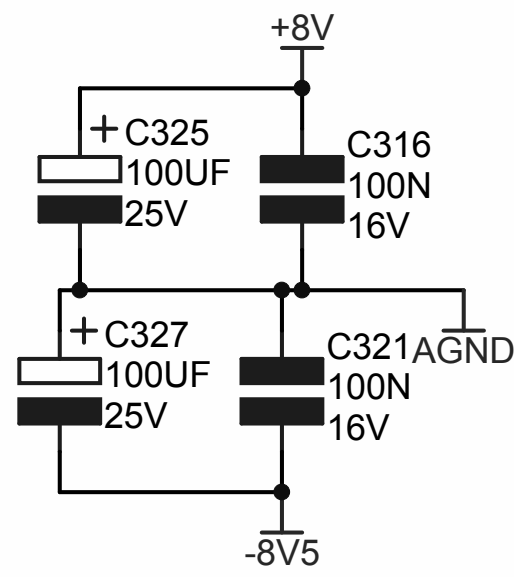


DRAWING TITLE		12_E045		PK	30/10/12	None to this sheet		2.0	
AMP003 Power Amplifiers		12_E041		PK	03/09/12	None to this sheet		1.0	
ARCAM A & R Cambridge Ltd. Pembroke Avenue Waterbeach Cambridge CB25 9QR	Filename: L224 CT2.SchDoc		12_E037		PK	24/07/12	None to this sheet		B.1
	Notes:		12_E036		PK	04/05/12	See change spreadsheet		B.0
			12_E016		PK	13/03/12	Prototype release		A.0
			ECO No.	INITIALS	DATE	DESCRIPTION OF CHANGE		ISSUE	
	Contact Engineer: Peter Kuell	Contact Tel: (01223) 203207 tel No	Printed: 12/11/2012		Sheet 3 of 7		A3	DRAWING NO. L224CT	

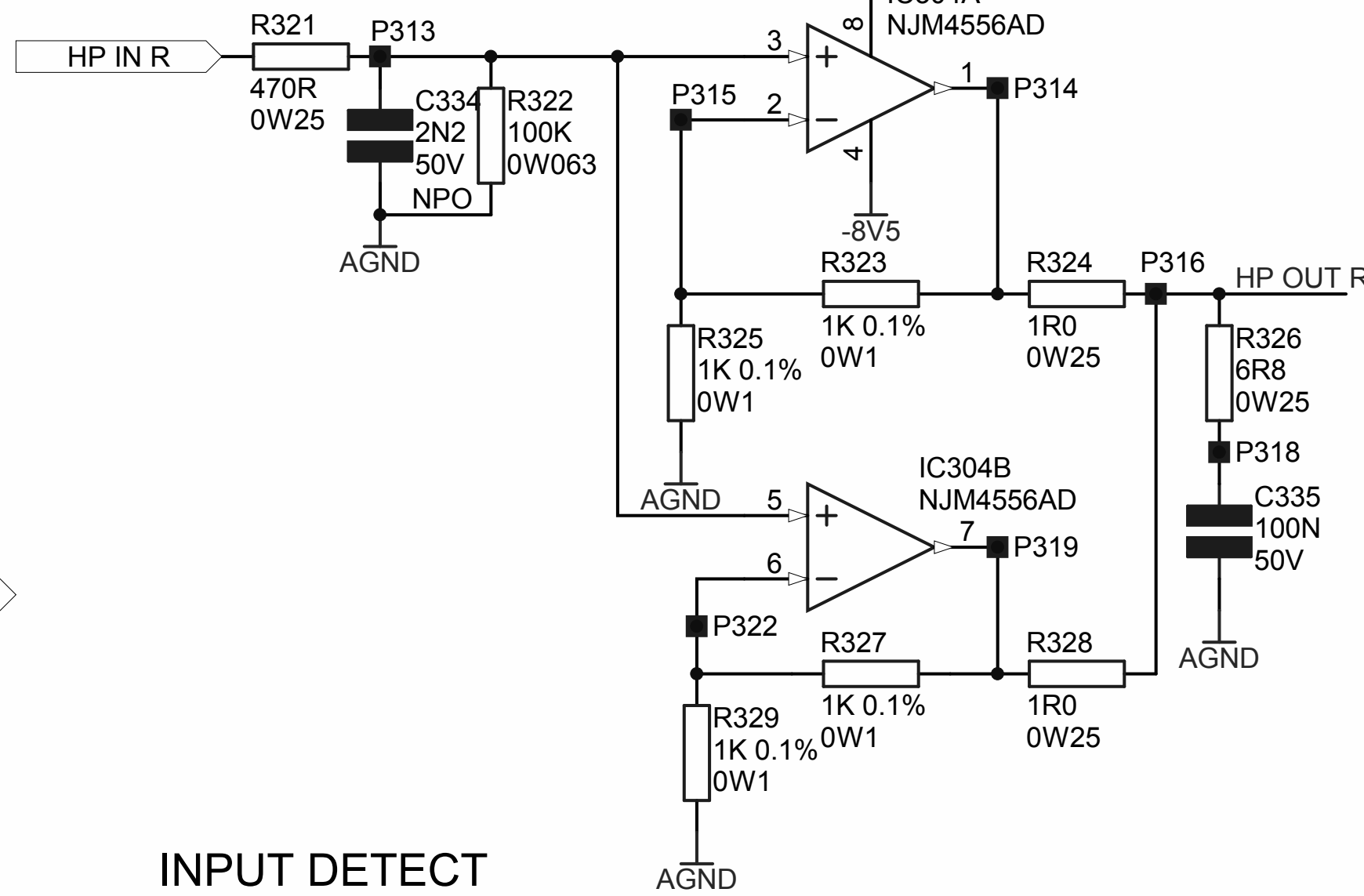
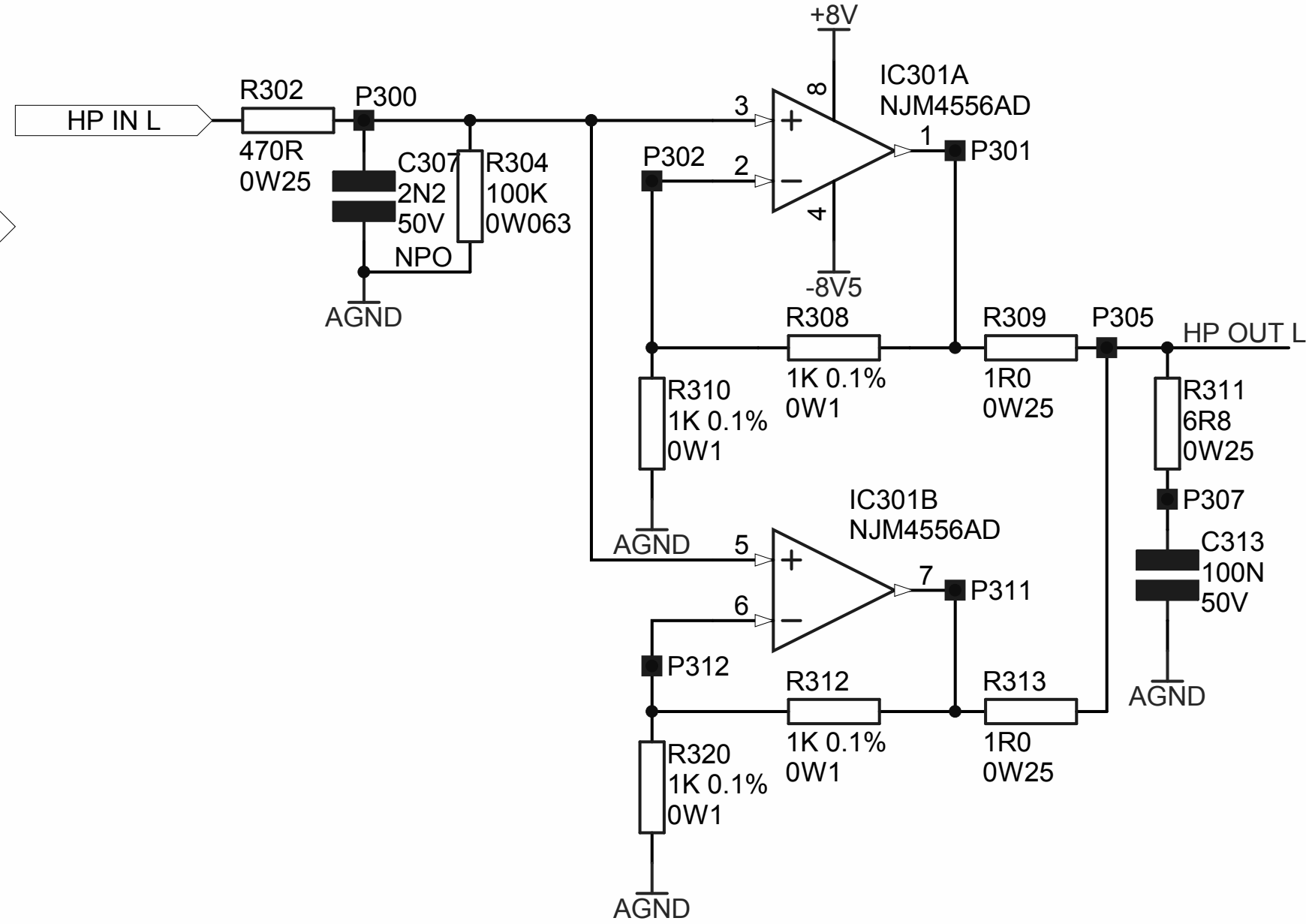
PHONO INPUT



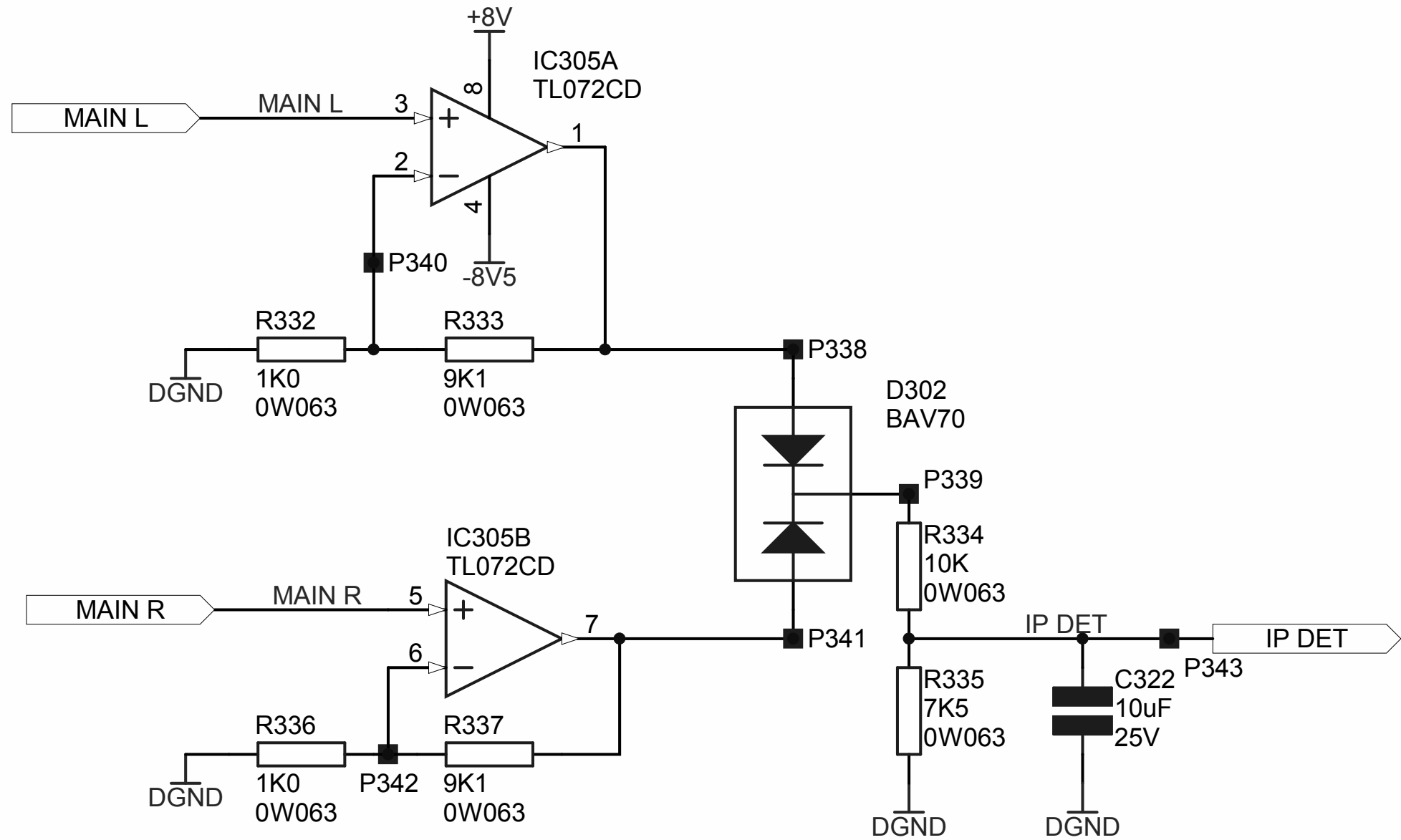
Op Amp Decoupling



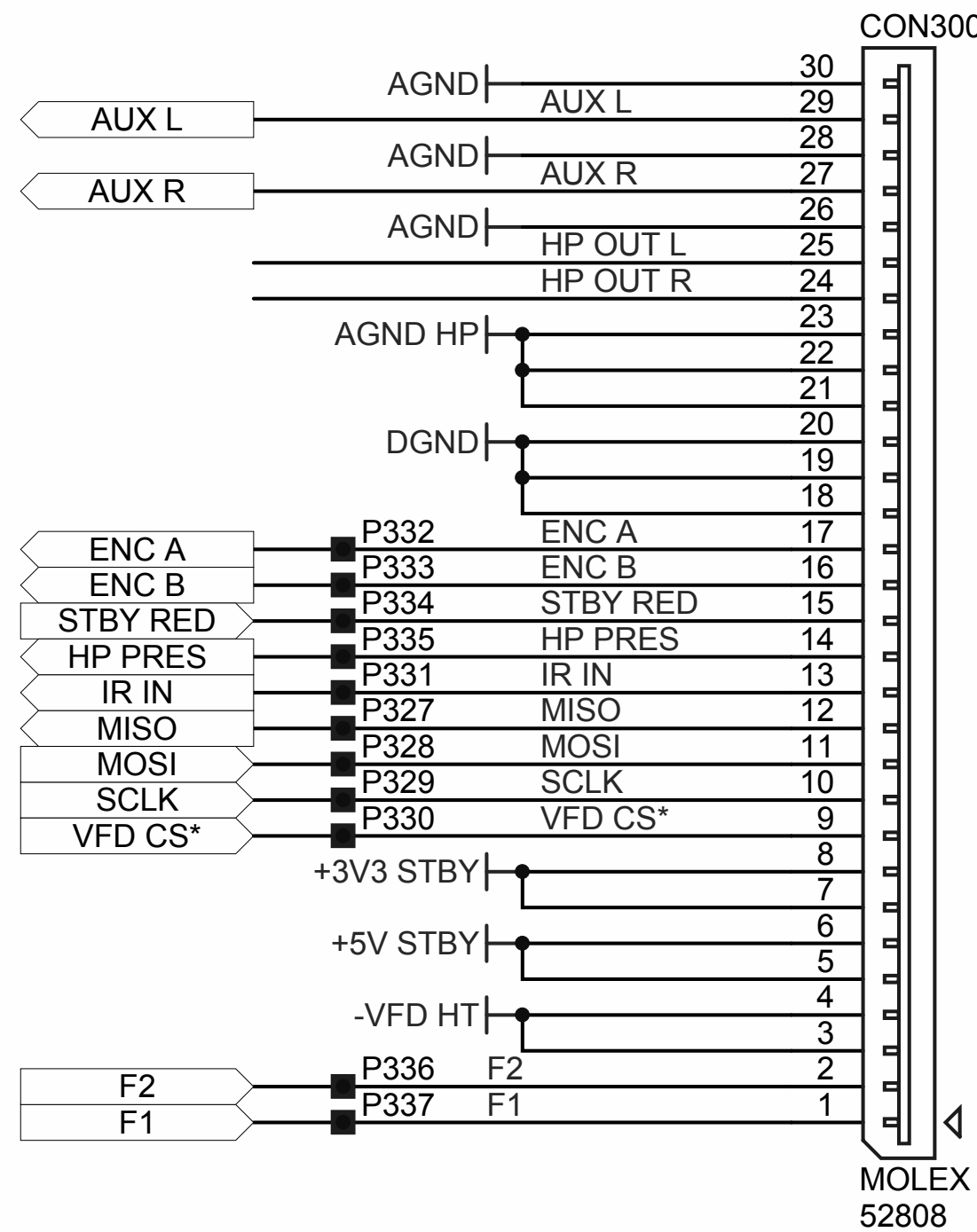
HEADPHONE DRIVER



INPUT DETECT

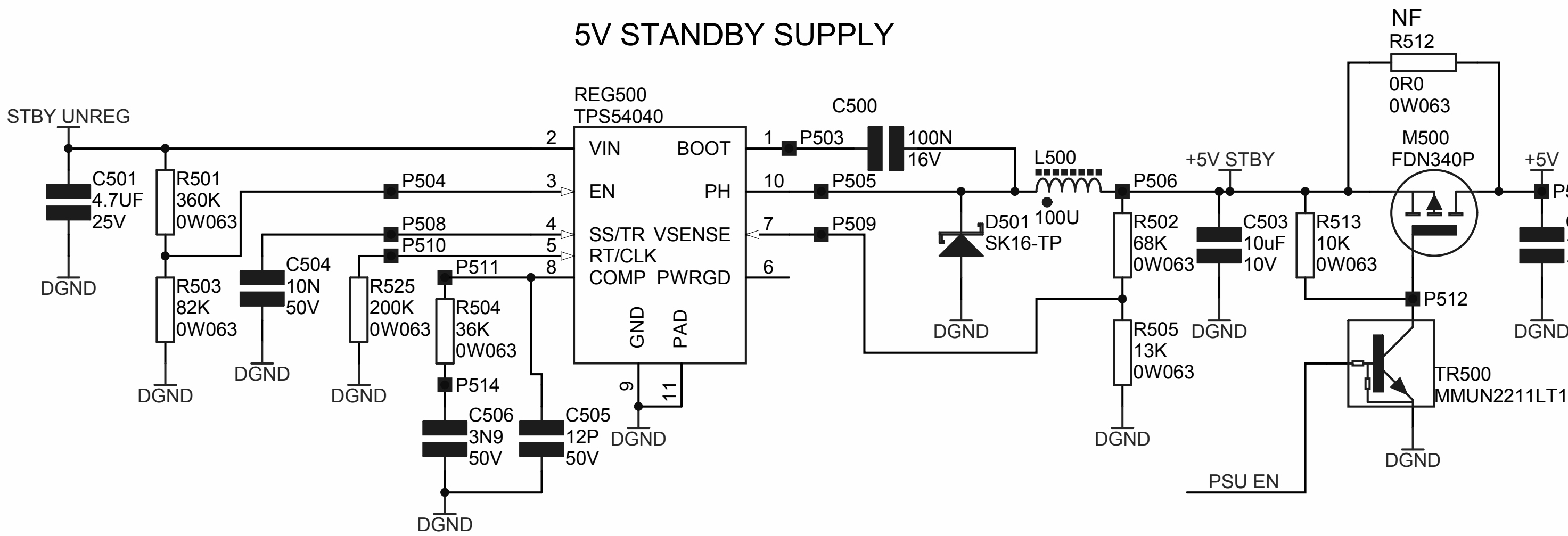


FRONT PANEL CONNECTION

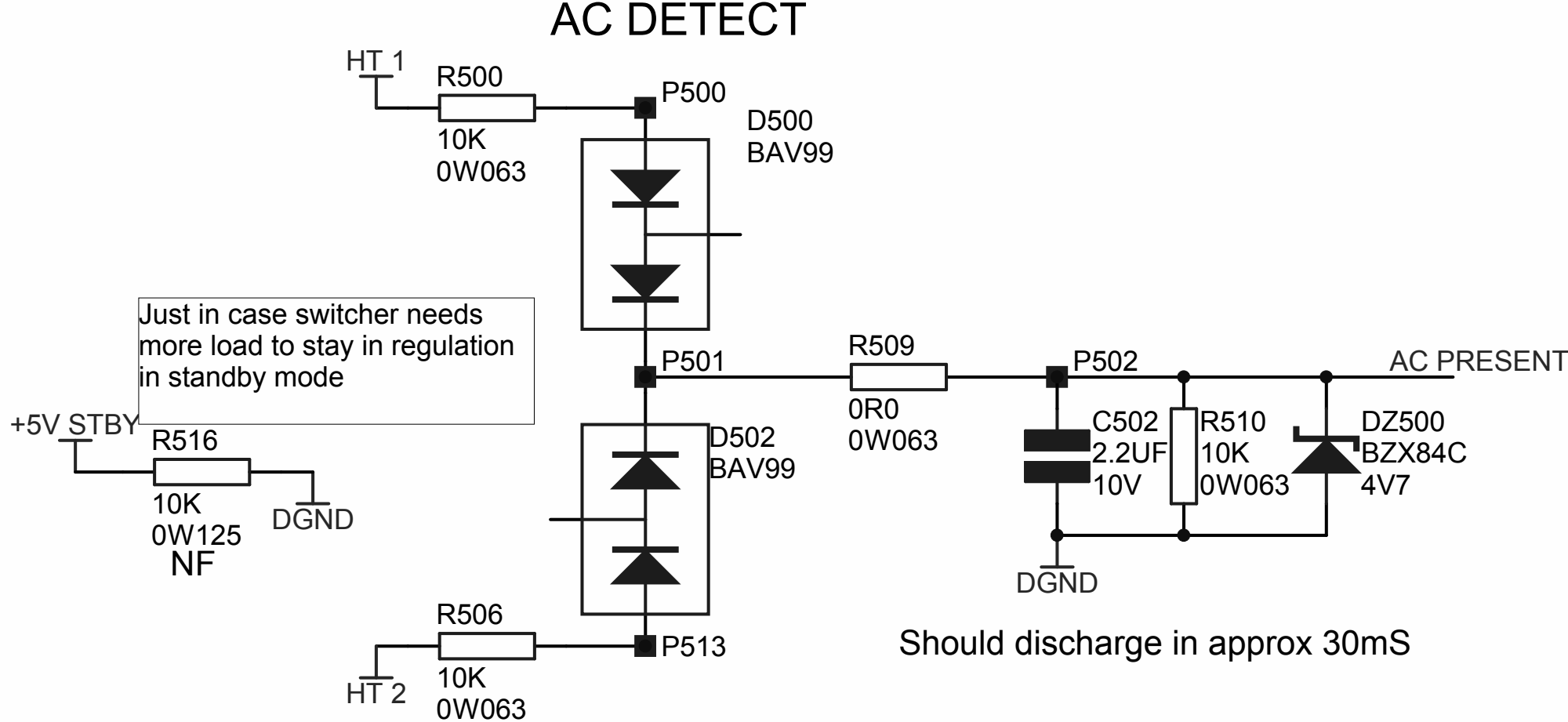


DRAWING TITLE		12_E045	PK	30/10/12	None to this sheet	2.0
AMP003 Phono I/P and Pre-out		12_E041	PK	03/09/12	None to this sheet	1.0
Filename: L224 CT3.SchDoc		12_E037	PK	24/07/12	None to this sheet	B.1
Notes:		12_E036	PK	04/05/12	See change spreadsheet	B.0
		12_E016	PK	13/03/12	Prototype release	A.0
		ECO No.	INITIALS	DATE	DESCRIPTION OF CHANGE	ISSUE
Contact Engineer: Peter Kuell	Contact Tel: (01223) 203207 tel No	Printed: 12/11/2012	Sheet 4 of 7	A3	DRAWING NO. L224CT	

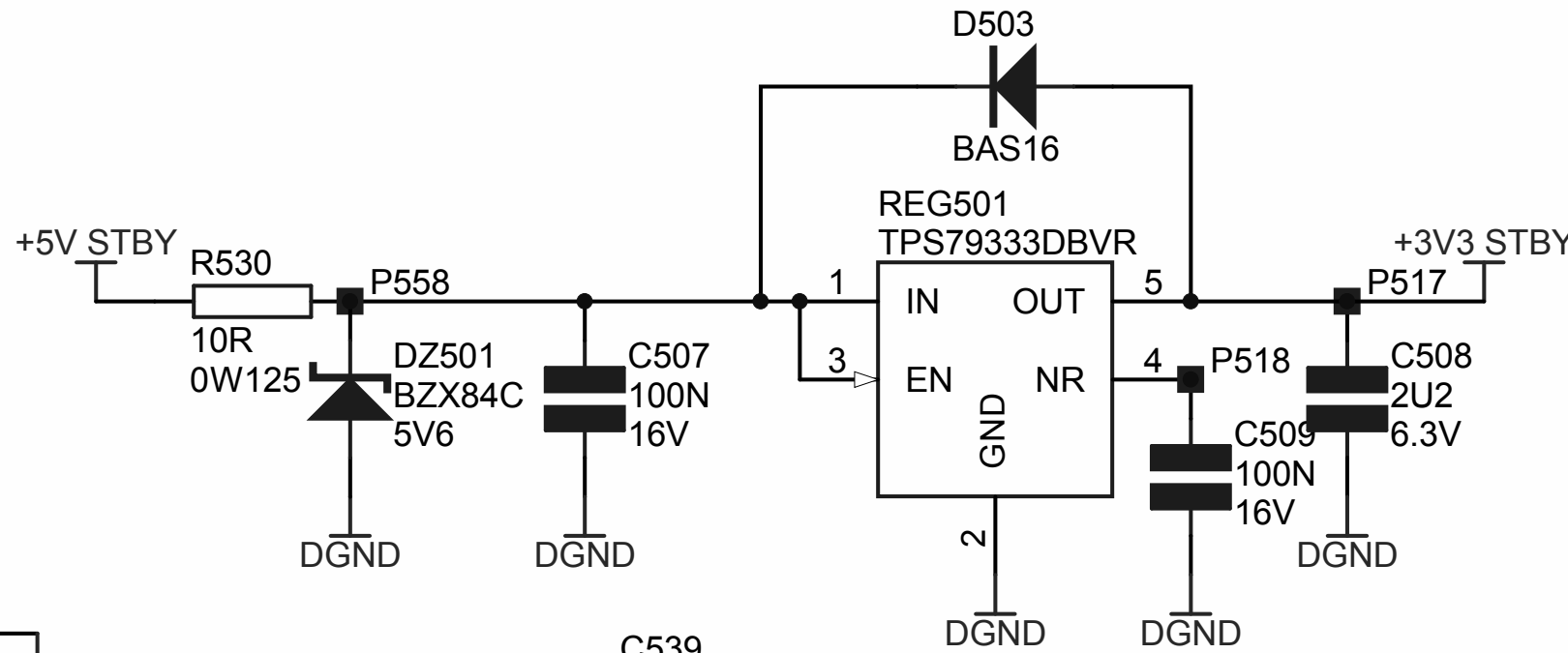
5V STANDBY SUPPLY



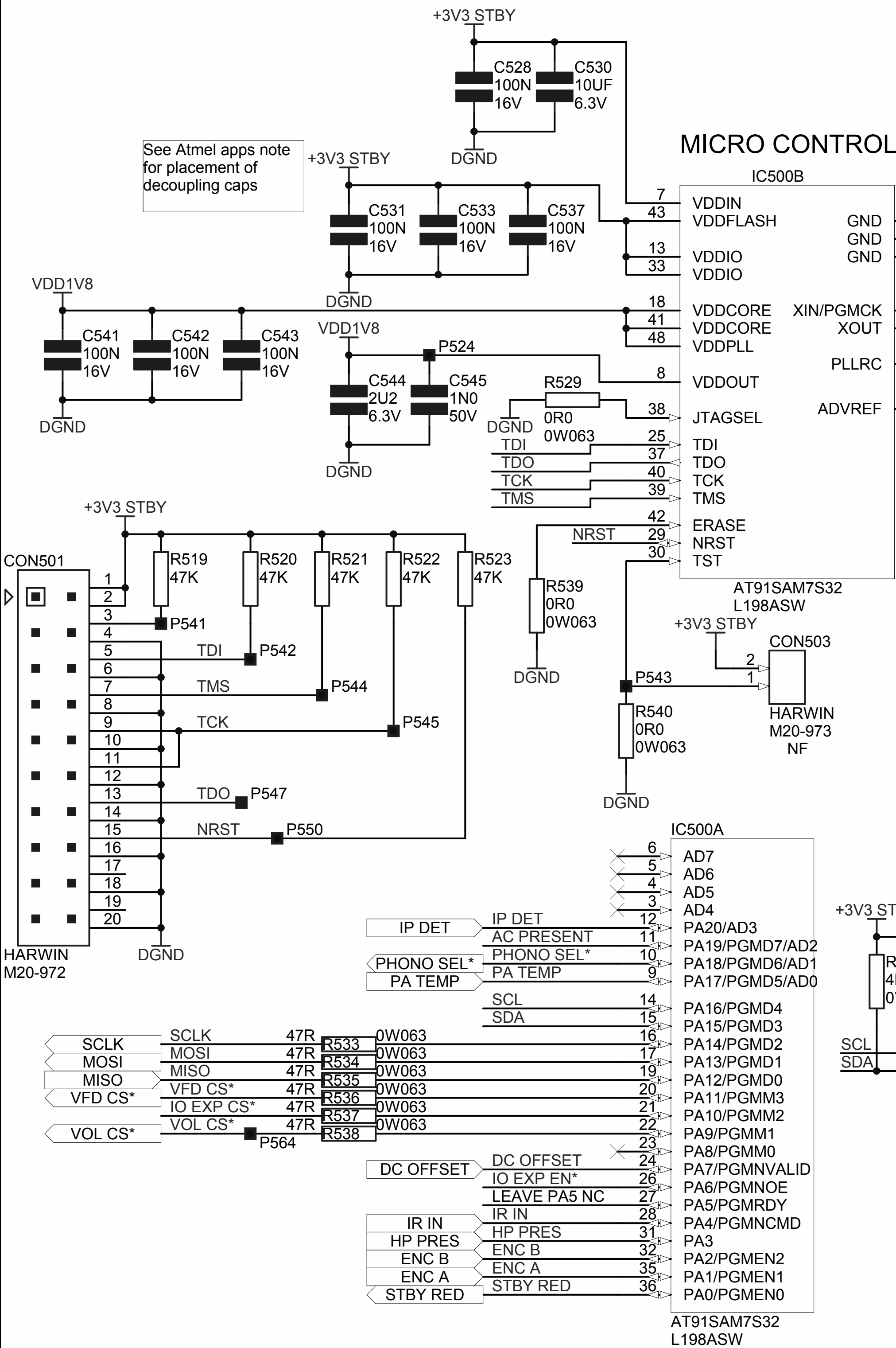
AC DETECT



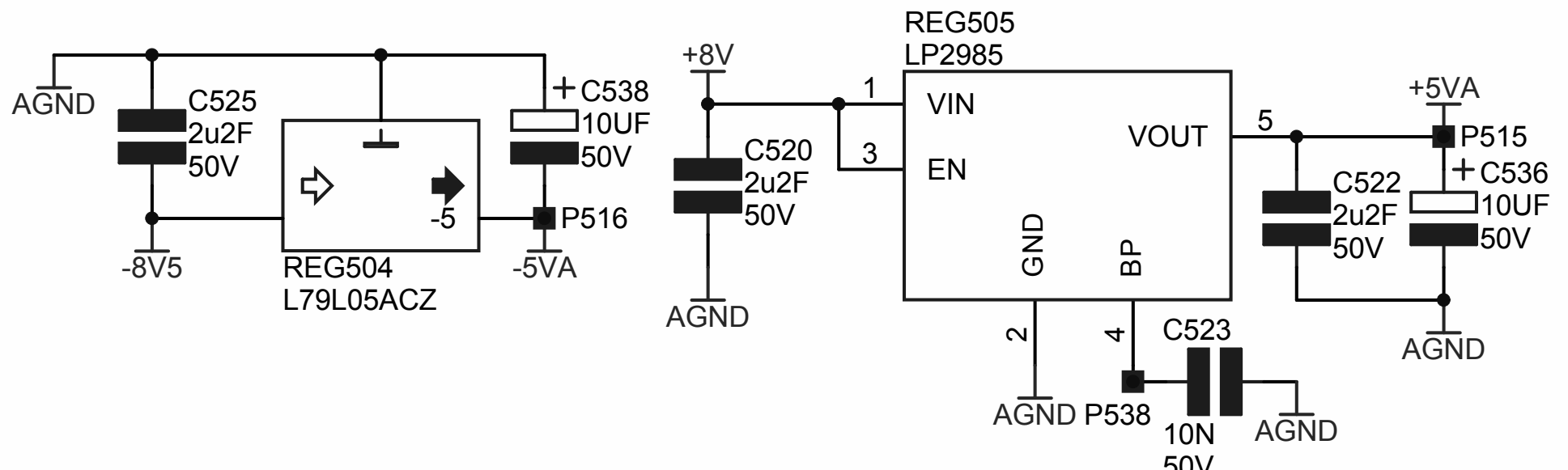
3V3 STANDBY SUPPLY



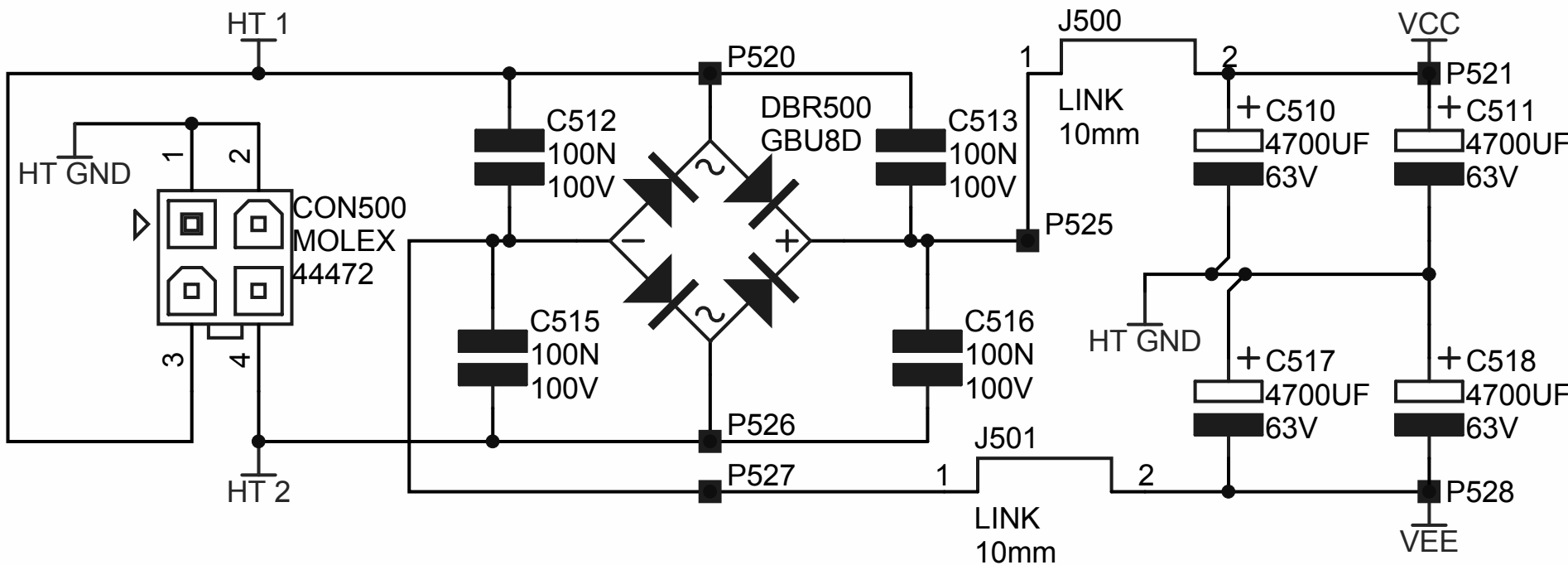
MICRO CONTROLLER



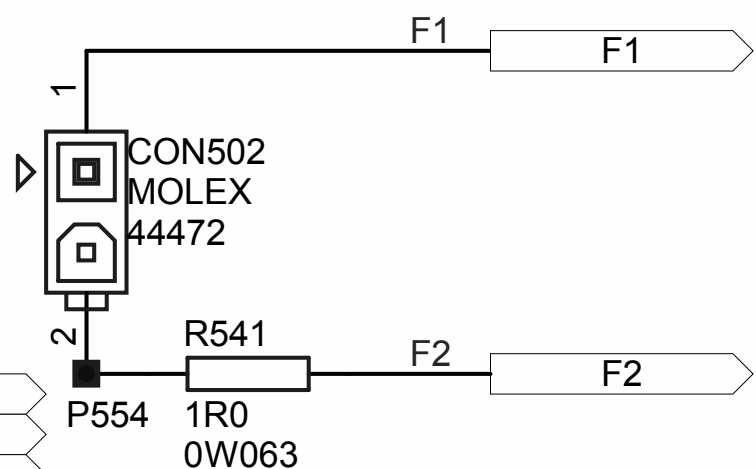
Volume Control Supplies



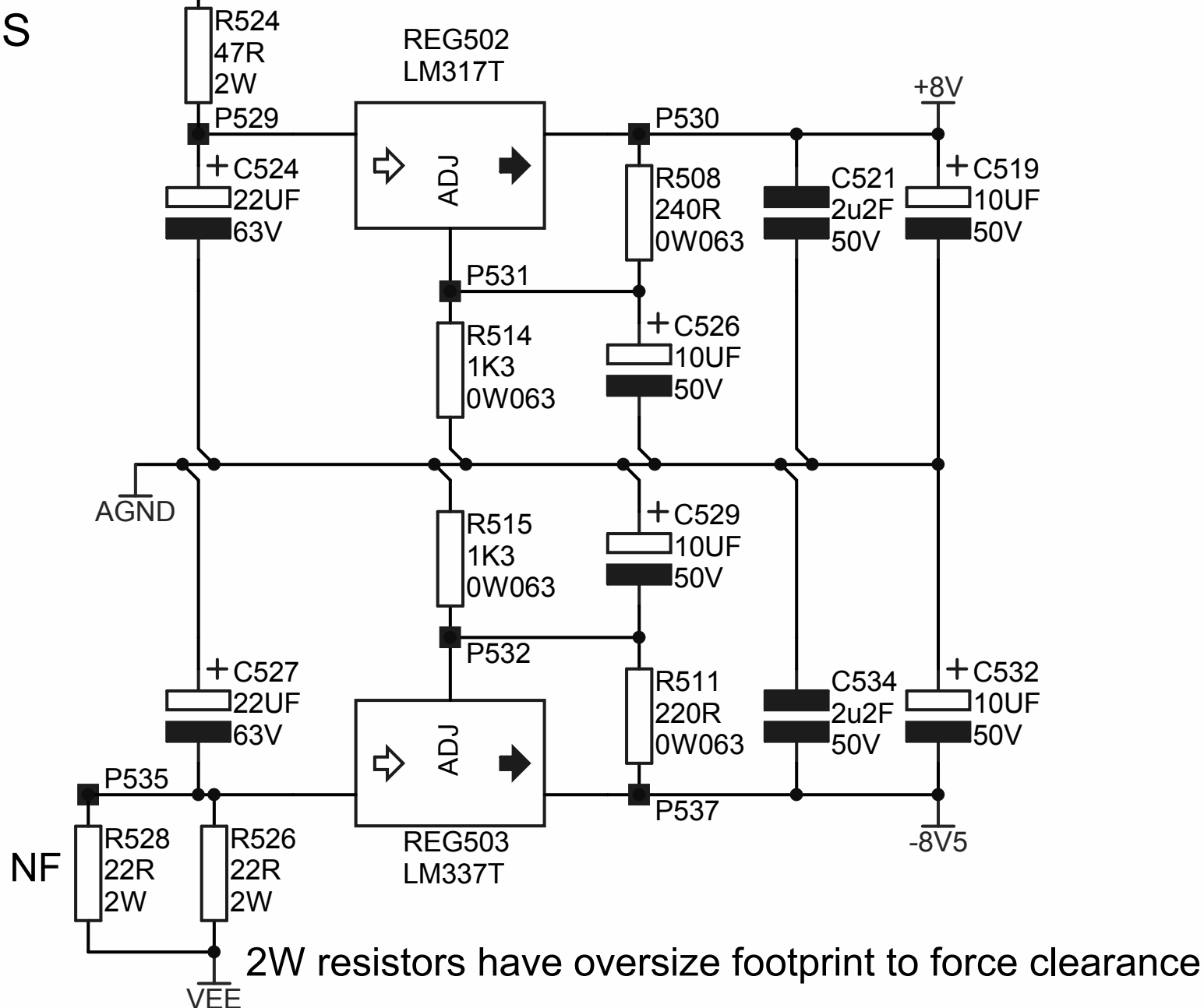
AMPLIFIER HT RAILS



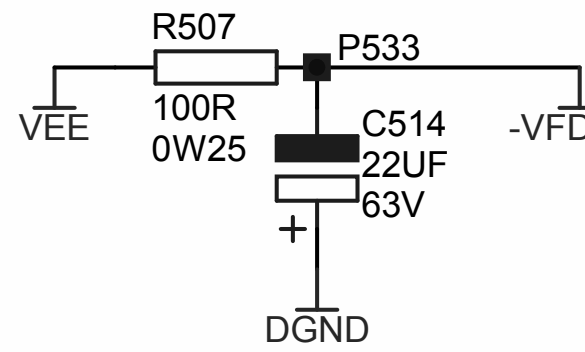
VFD FILAMENT SUPPLIES



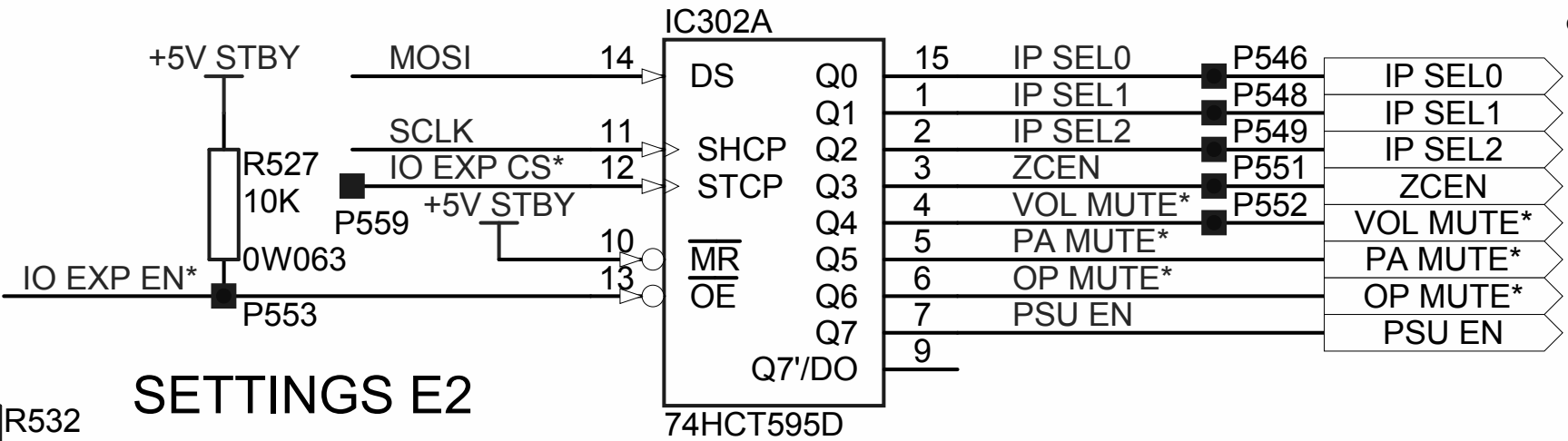
PREAMP SUPPLIES



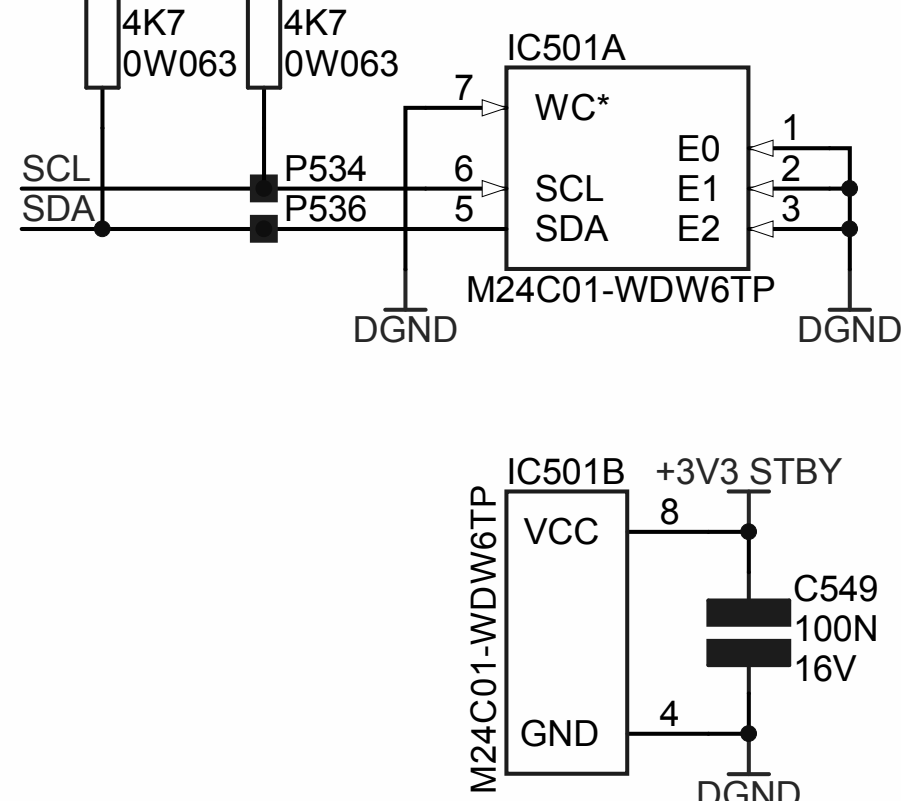
VFD HT SUPPLY



IO EXPANDER



SETTINGS E2



AMP003 PSU

ARCAM

A & R Cambridge Ltd.
Pembroke Avenue
Waterbeach
Cambridge CB25 9QR

Filename: L224 CT5.SchDoc

Notes:

Contact Engineer: Peter Kuell

Contact Tel: (01223) 203207 tel No

Printed: 12/11/2012

Sheet 6 of 7

A3

DRAWING NO. L224CT

12_E045	PK	30/10/12	DZ501 changed to 5v6	2.0
12_E041	PK	03/09/12	Pull downs on micro for ESD	1.0
12_E037	PK	24/07/12	None to this sheet	B.1
12_E036	PK	04/05/12	See change spreadsheet	B.0
12_E016	PK	13/03/12	Prototype release	A.0
ECO No.	INITIALS	DATE	DESCRIPTION OF CHANGE	ISSUE

