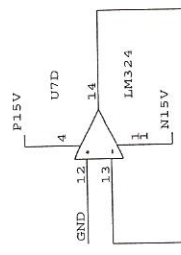
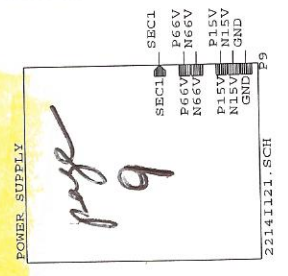
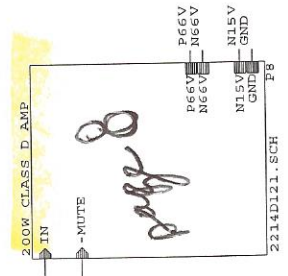
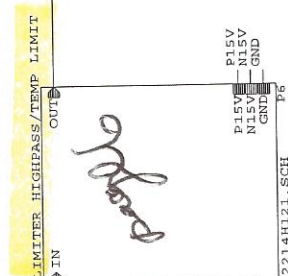
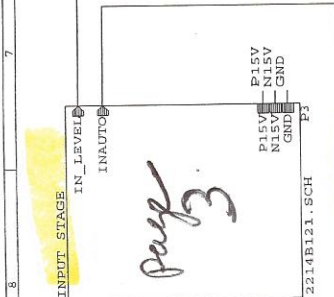
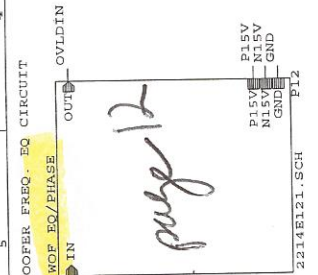


REV. HISTORY
2214K121.SCH P4



BP 7002
7006
7004

FOR U2, U4 FOR U6, U7 FOR U3

P15V N15V P15V N15V P15V N15V

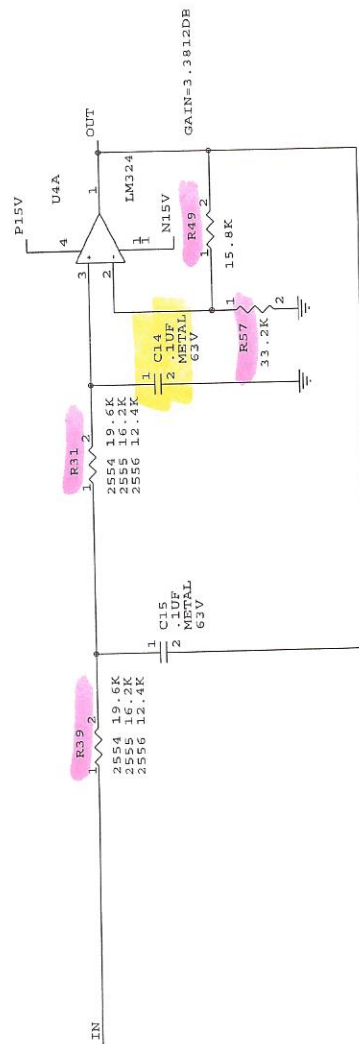
1 2 1 2 1 2 1 2 1 2 1 2

C21 .1UF 25V C5 .1UF 25V C35 .1UF 25V C16 .1UF 25V C17 .1UF 25V

Title 200W CLASS D LOW LEVEL SECTION
Size/Document Number 2214A121.SCH
B
Date: November 30, 2004 Sheet 1 of 12

Definitive Technology Inc.

FO=50 TO 150HZ Q=.784 D=1.2755 A=4.771 DB
 NOTE: STANDARD VALUES OF 100NF WAS USED INSTEAD OF 106.15NF
 50HZ TO 160HZ ON UNIT



IN OUT
 P15V P15V
 N15V N15V
 GND GND

Title Definitive Technology Inc.

LOW FREQ. LOW PASS FILTER

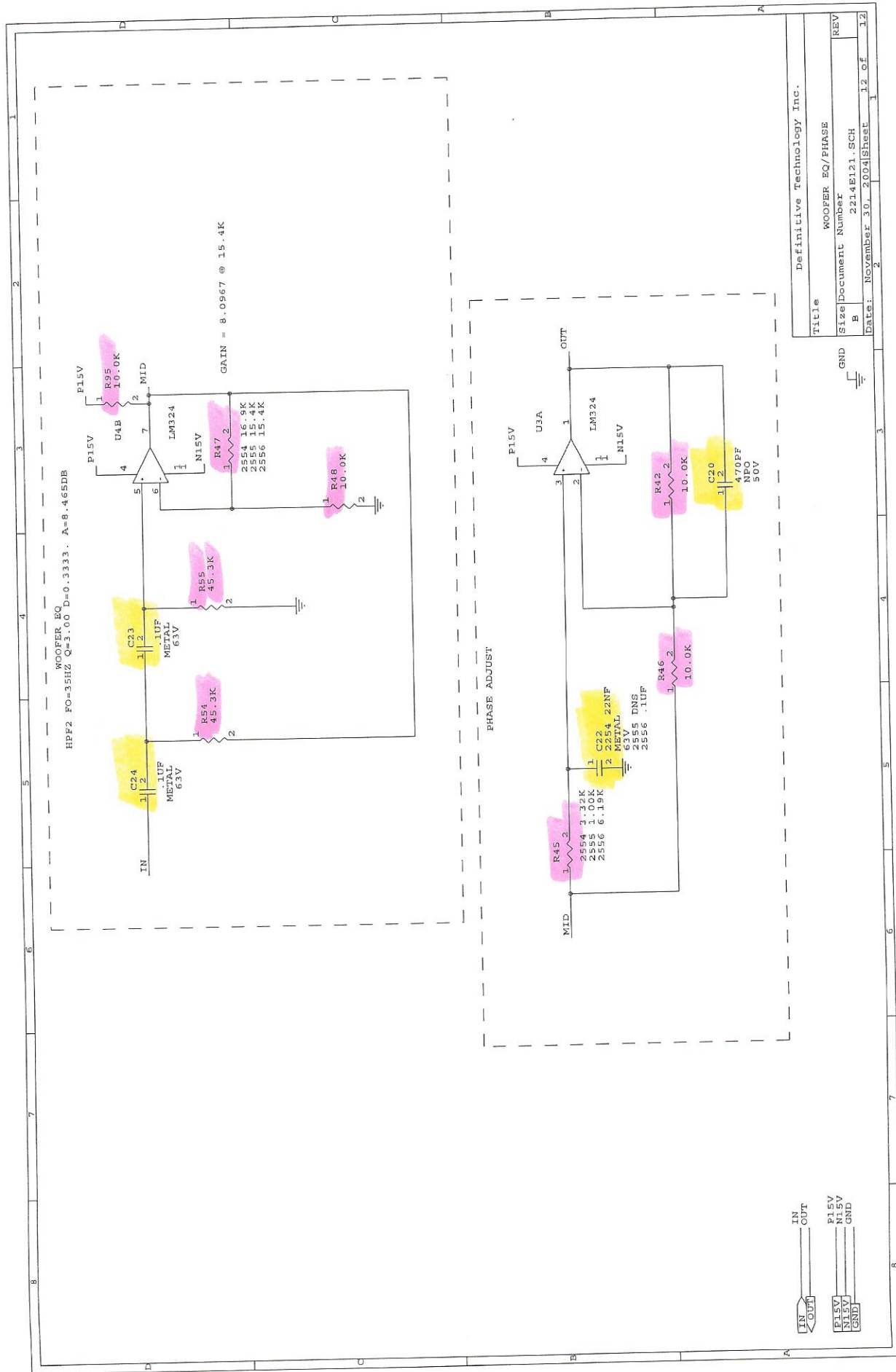
Size Document Number

B 2214C121.SCH

Date: November 30, 2004 Sheet 2 of 12

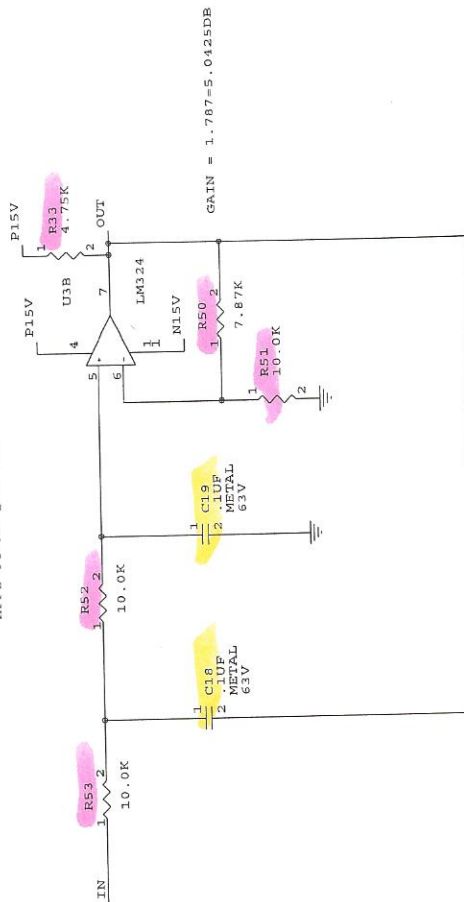
GND

⏏



Title		Definitive Technology Inc.	
Size		WOOFER EQ/PHASE	
Document Number		2214E121.SCH	
REV		12 of 12	
Date:		November 30, 2004	
Sheet		1	

SAME AS 0691A1XX
HFF2 FO=H2 Q= D= A=



OUT
IN
P15V
N15V
GND

Definitive Technology Inc.

Title

LIMITER LOW PASS

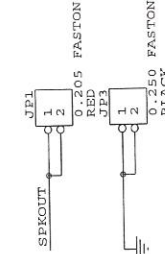
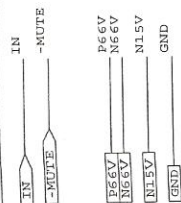
Size Document Number

B 2214F121.SCH

Date: November 30, 2004 Sheet 5 of 12

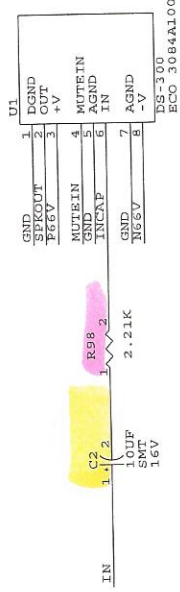
GND

200W

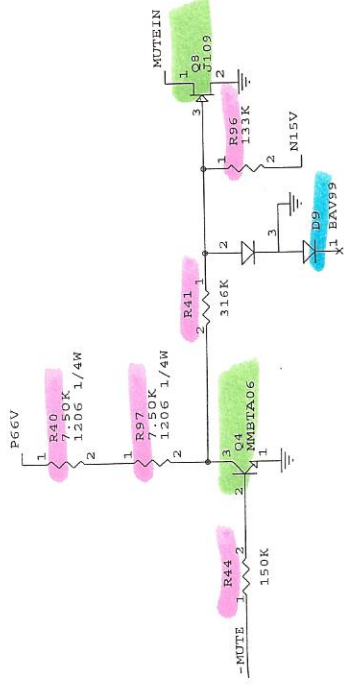
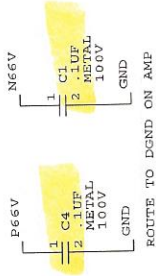


200W-28.25V RMS
200W-1.50V RMS
200W, ONSET OF LIMIT-2.9956V RMS INPUT

E2715



IR 3315
150V N-channel mosFet



8		7		6		5		4		3		2		1	
CHANGE DATE	PART NUMBER	REVISION HISTORY										REASON FOR CHANGE		BY	
AUG. 10, 2003	2214A100	CREATION										CREATION		RJ	
SEPT. 15, 2003	2214A110	NEW PCB										CLEAN UP REV		RJ	
SEPT. 25, 2003	2214A111	ADD SF-7002 VALUES, R4 FROM 32.4K TO 150K										SET TEMP LIMIT TO 60C		RJ	
OCT. 9, 2003	2214A111	CHANGE THE CABLE COLOR OF PIN 3 OF J2 FROM BLACK TO WHITE										MATCH CURRENT PRODUCT DESIGN		LZ	
OCT. 9, 2003	2214A111	CHANGE U3 LM13700 OF PAGE 2214A111.SCH TO U6, U7										MATCH CURRENT PRODUCT DESIGN		LZ	
OCT. 9, 2003	2214A111	CHANGE U8 OF PAGE 2214A111.SCH TO U3										MATCH CURRENT PRODUCT DESIGN		LZ	
OCT. 9, 2003	2214A111	CHANGE U2 OF PAGE 2214A111.SCH TO U2, U4										REV. HISTORY IS 2214K111.SCH		LZ	
OCT. 9, 2003	2214A111	CHANGE THE DOCUMENT NUMBER OF 2214K111.SCH FROM 2214A111.SCH TO 2214K111.SCH										CORRECT A POSSIBLE TURN ON NOISE PROBLEM		LZ	
AUG. 30, 2004	2214A120	CHANGE THE MUTE CIRCUIT										REDUCE THD DURING THERMAL LIMIT		RJ	
NOV. 30, 2004	2214A121	R3 FROM 100K TO 681K, Q1 FROM J11.2 TO J20.2 ADD 681K, 1UF CAP													
														</	