сн9\_+48v

R104

6K81 .25W

R101 \_.25₩

C101 1000PF = R102 10 .25W

R109 16K2 1%

R110 16K2 1%

R111 100K 1%

C107 47UF 25V ++ ←

+ + C108 47UF 25V

R131 >100K 1%

R130 100K

6

CH 9

C102 47UF 50V

+++

C103 470PF

C104 470PF

C105 47UF 50V

R 112
S 100K
1%
1%

D101 SA12CA 12V

СНС

D102 SA12CA 12V

R107 < 100K < 1%

R108

Z1

7

R106 100K 1%

FB101

FB102

B104 C120

C118 \_ 100PF

MIC IN

J102

LINE IN

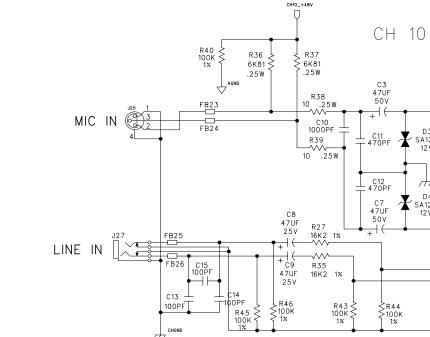
R103 6K81 ≶ .25W

8

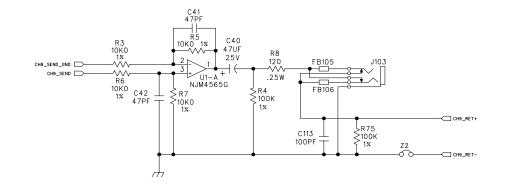
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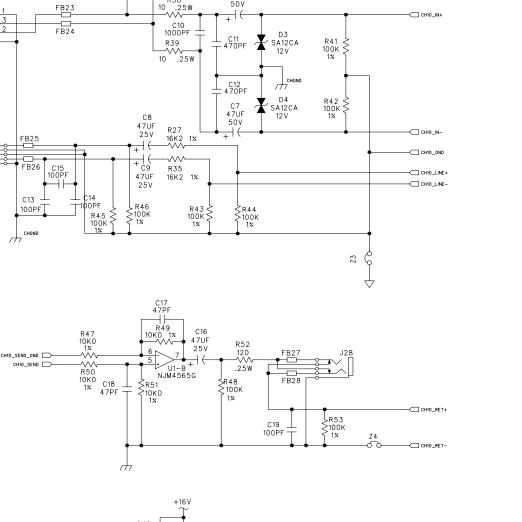
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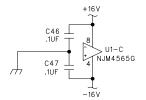
В

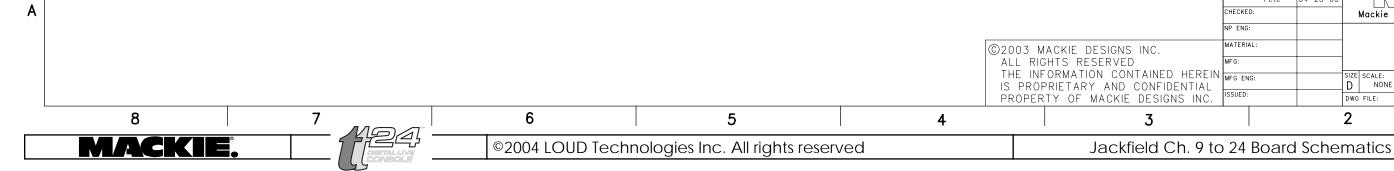


4









5

CH9\_IN

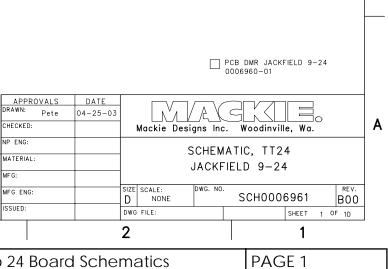
CH9\_LINE

CH9\_LINE-

3

		2	1		
ECO# REV: DESCRIPTION				REV. BY:	DATE
6892	892 A01 J1 TO 400-242-00			KR	3-17-04
7092	7092 B00 0006960-01 WAS -00				5-18-04

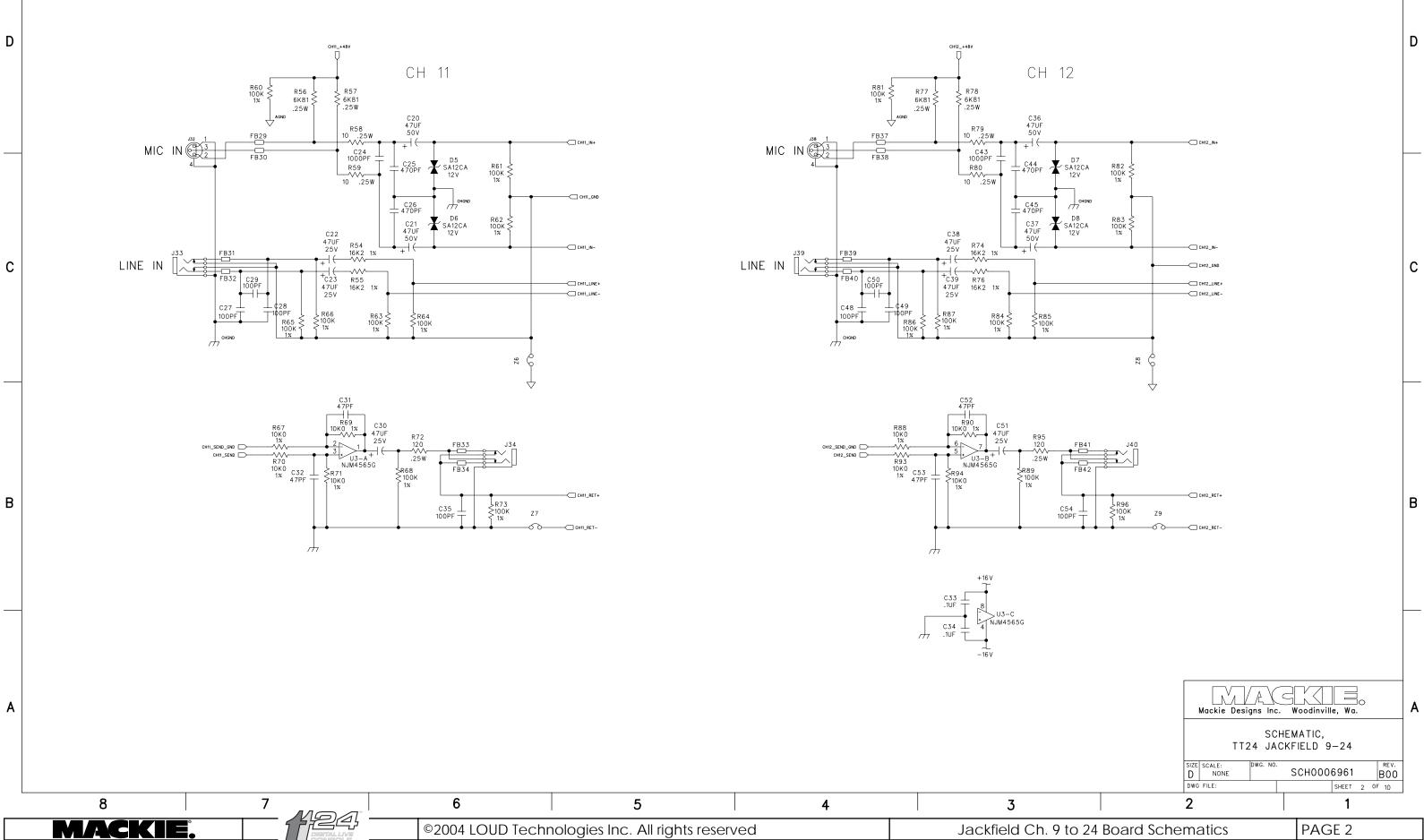


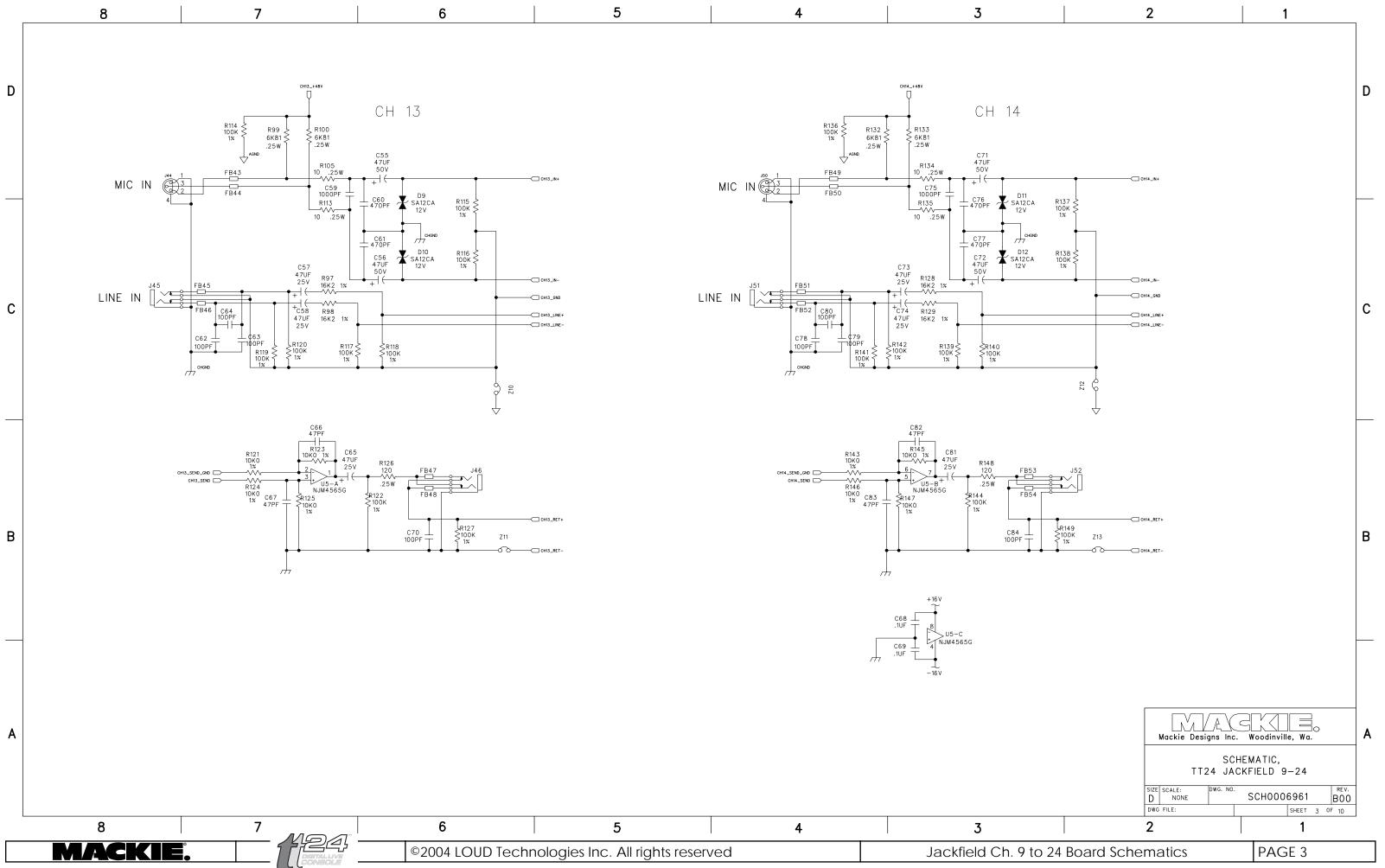


D

С

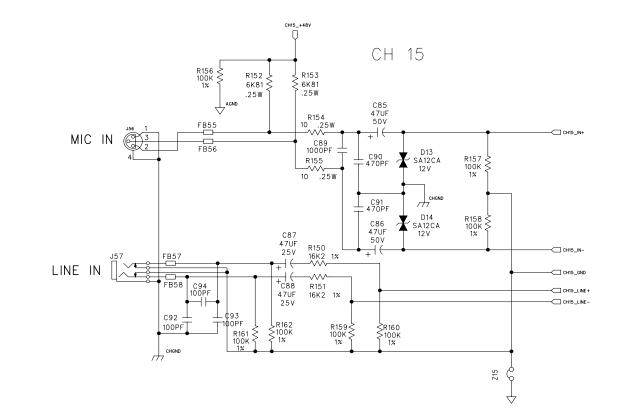
В









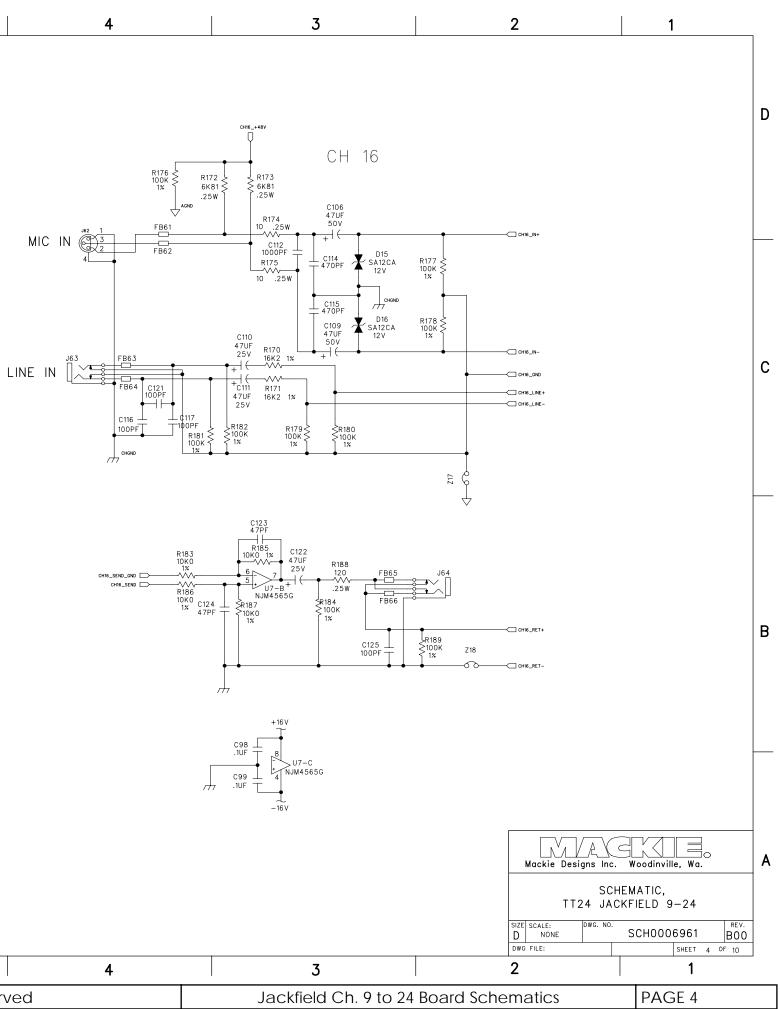


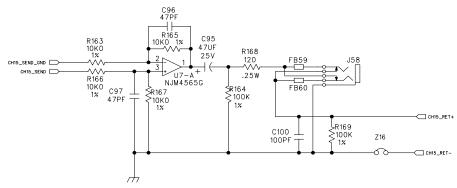
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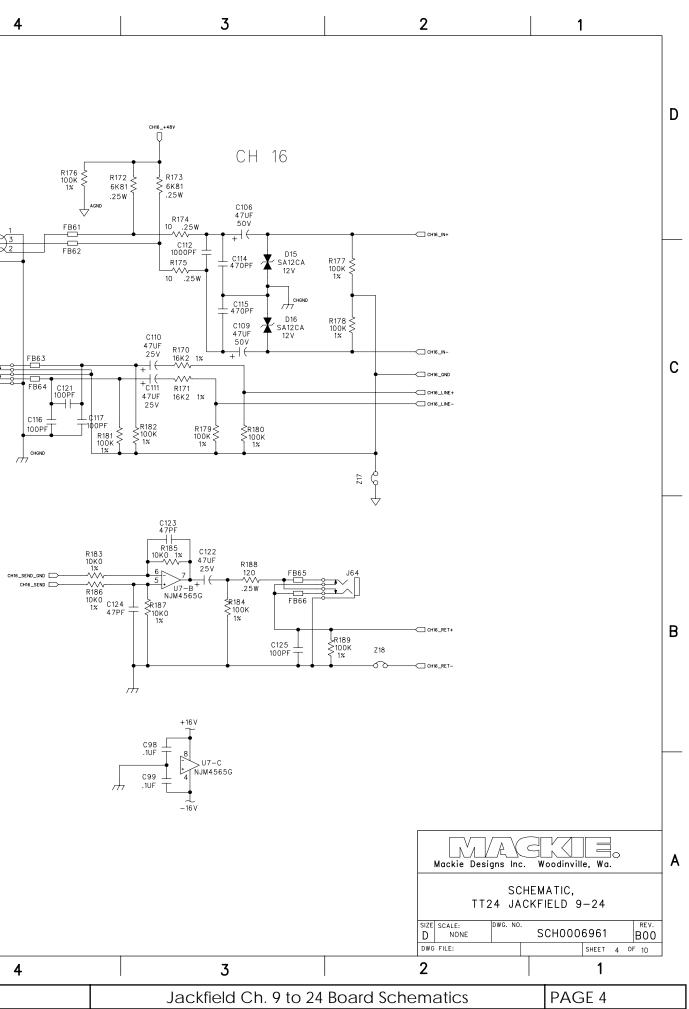
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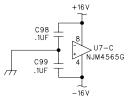
В

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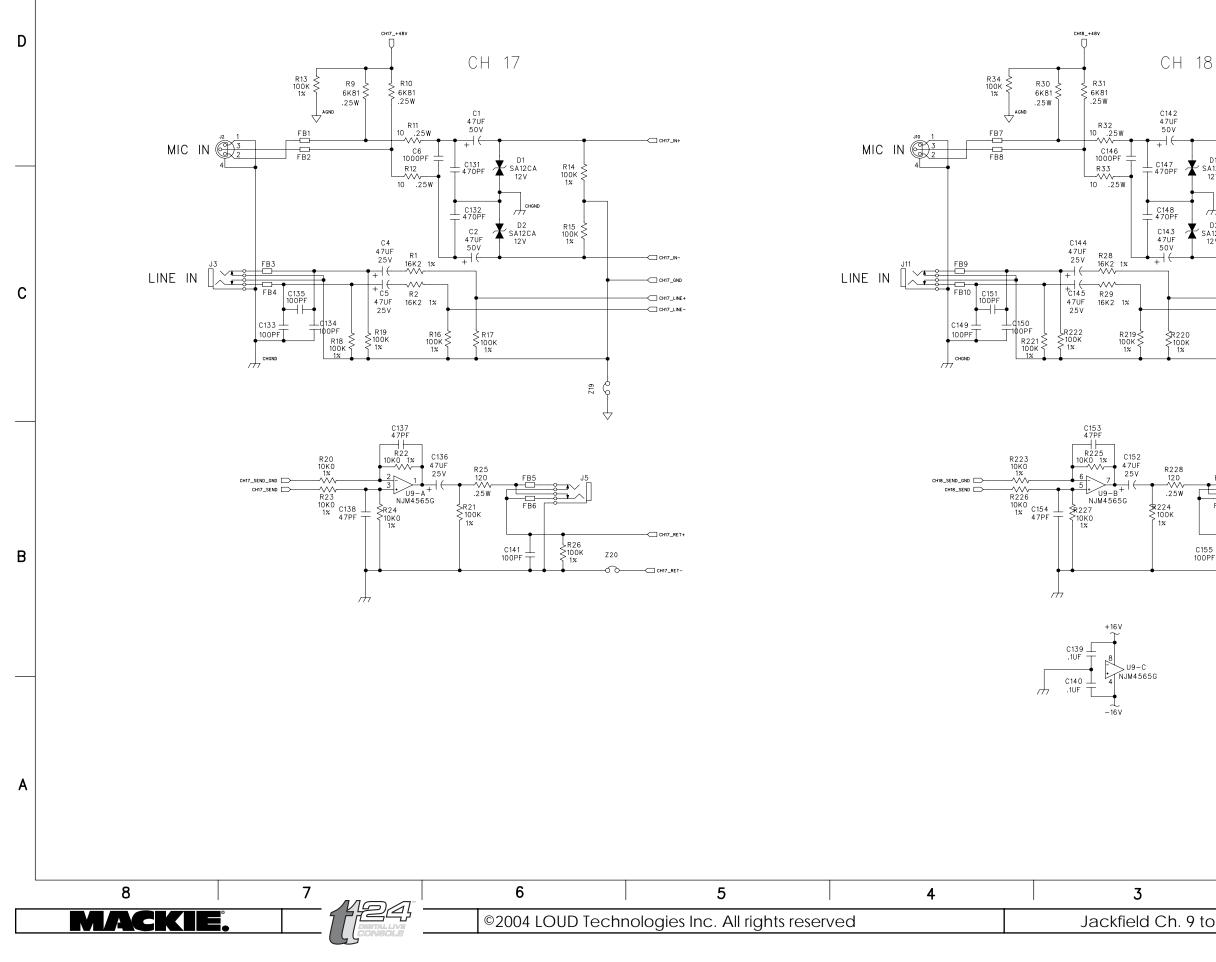
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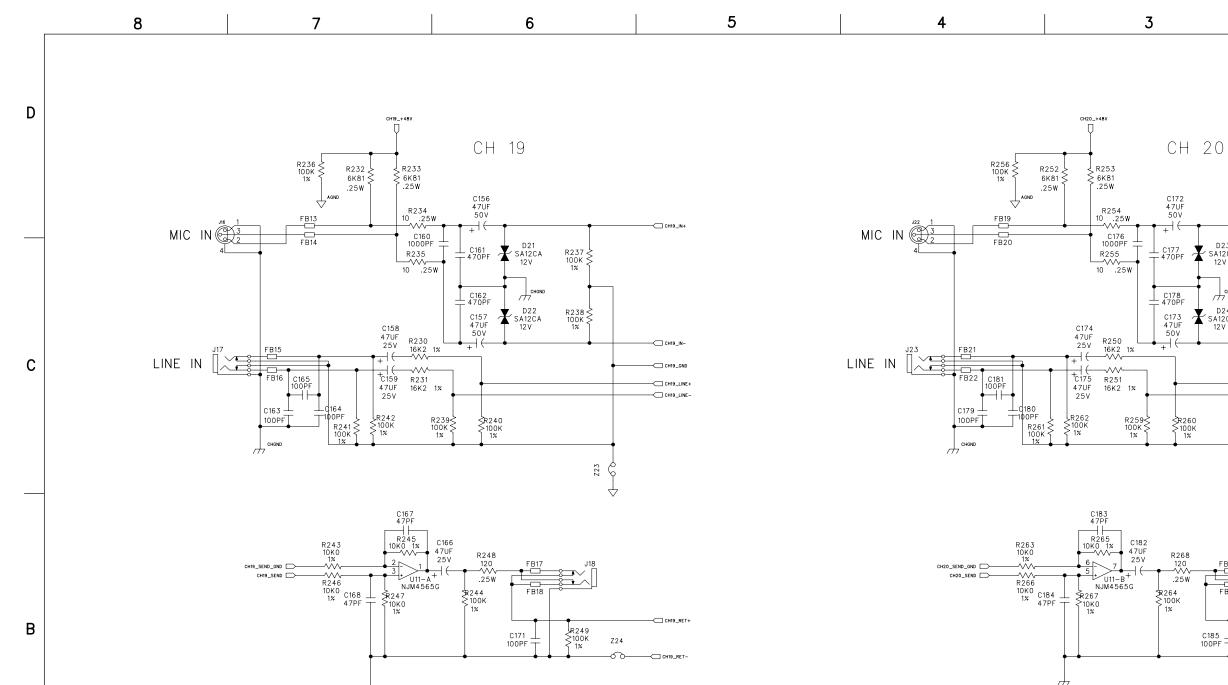
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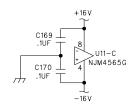
3



D D19 SA12CA 12V R91 100K 1% D20 SA12CA 12V R92 100K 1% -CH18\_GND С -CH18\_LINE+ CH18\_LINE 5 23 CH18\_RET R229 ≥100K 1% C155 100PF Z22 В  $\mathbb{V}_{4}$ 9 Α Woodinville, Wa. Mackie Designs Inc. SCHEMATIC, TT24 JACKFIELD 9-24 SIZE SCALE: D NONE DWG FILE: <sup>REV.</sup> B00 SCH0006961 SHEET 5 OF 10 2 1 PAGE 5 Jackfield Ch. 9 to 24 Board Schematics

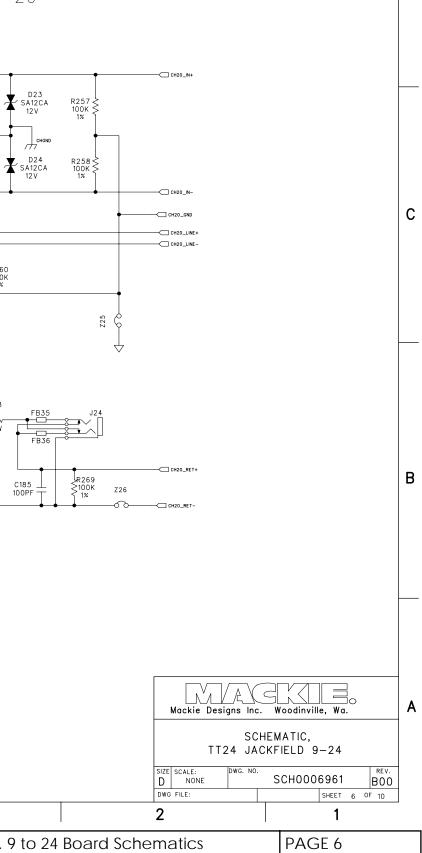
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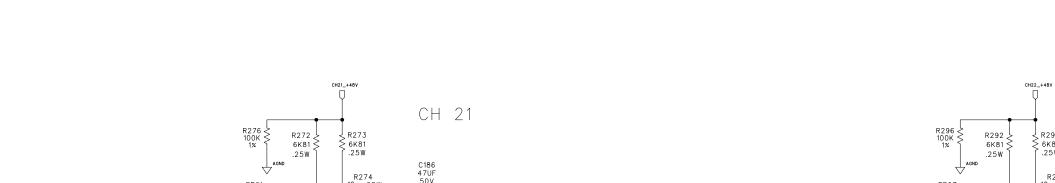
8	7	6		5	4	3	
MACKIE.			LOUD Technologies	Inc. All rights reser	rved	Jackfield	Ch. 9

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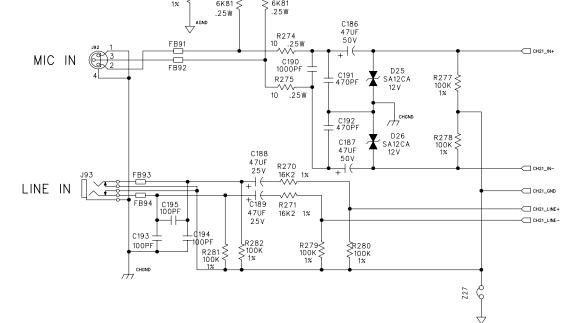


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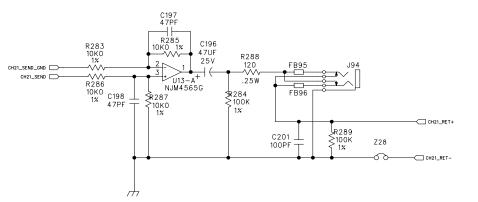
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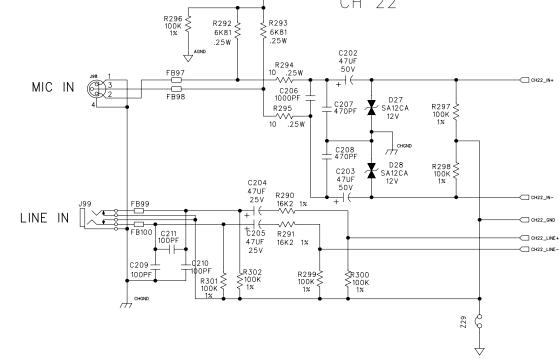
С

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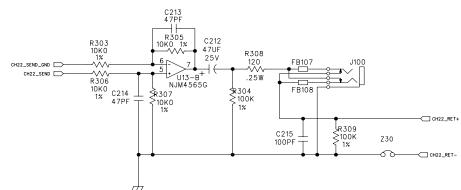
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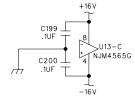




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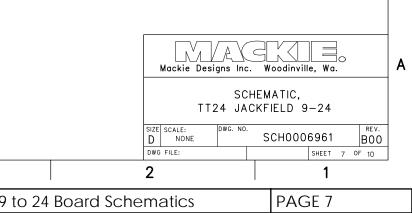




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CH 22

2



D

С

В



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6

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R332 6K81 .25₩

4

R333 6K81 .25W

R334 10 .25W

C236 1000PF = R335 10 .25W

R330 16K2 1%

R331 16K2 1%

R339 100K 1%

C242 47UF 25V

C234 47UF 25V + ( C235 47UF 25V

R342 ≤100K

C243 47PF R345

√7↓ ↓ U15−B<sup>+</sup> NJM4565G ↓ \$7347 ↑10K0 1%

+16\

-16

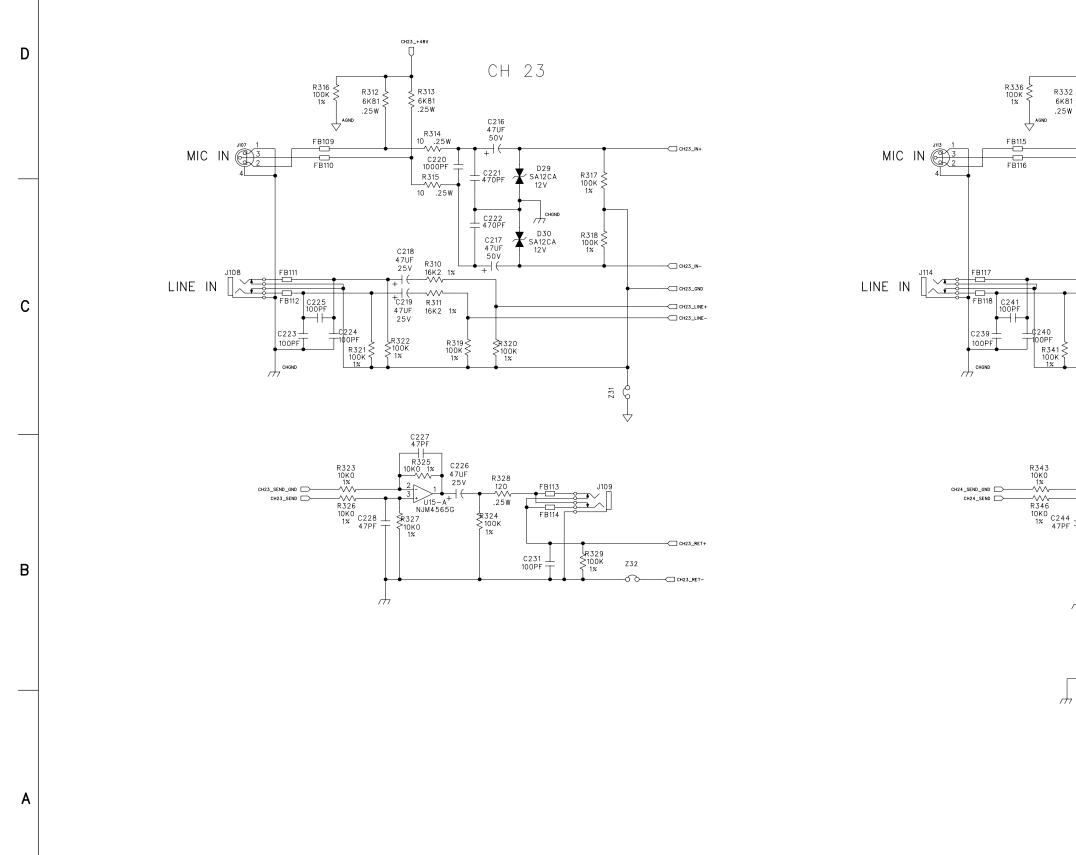
U15-C + NJM4565G

 $\mathcal{H}$ 

 $\overline{}$ 

C229 \_\_\_\_\_ .1UF \_\_\_\_\_

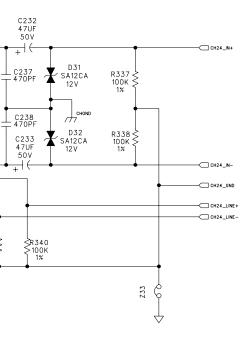
C230 ⊥ .1UF ⊤

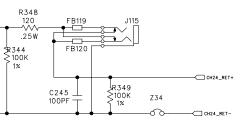


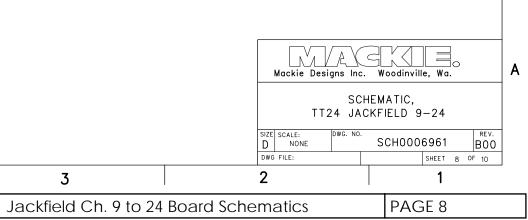


2

CH 24







D

С

В

			GH21_NH □ → J71-1 GH21_NH □ → J71-2	снтг_send_сно → J73-1 снтг_send → J73-2	CH17_RET+ □→→J74-1 CH17_RET- →J74-2
→170-4     сню_вет       →170-5     сни_вет       →170-6     сни_вет       →170-7     сни_вет       →170-8     сни_вет       →170-8     сни_вет       →170-9     сни_вет		17INE+ → J69-4 cr 17INE- → J69-5 cr 17INE → J69-6 17_+48V → J69-7 cr CHIB_IN+ → J69-8	CH21_GND → J71-3 X2_LINE+ → J71-4 X2_LINE+ → J71-4 X2_LINE- → J71-5 CH21_GND → J71-6 X2_L+48V → J71-7 CH22_IN+ → J71-7	CHI8_SEND_CND → J73-3 CHI8_SEND → J73-4 CHI9_SEND_CND → J73-5 CHI9_SEND → J73-6 CH20_SEND_CND → J73-7 CH20_SEND_CND → J73-8 CH21_SEND_CND → J73-8 CH21_SEND_CND → J73-8	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
	+	ннв_снор → 69-10 со нв_цияе+ → 369-11 сн нв_цияе+ → 369-12 сн ннв_снор → 369-13 со нв_+48v → 369-14 сн	22_LINE+ >J71-11 22_LINE+ >J71-12 22_LINE- >J71-12 222_GRD >J71-13 222_+48V >J71-14	cH21_SEND     >73-10       CH2_SEND_OND     >73-11       cH2_SEND_OND     >73-12       cH2_SEND_OND     >73-13       cH2_SEND_OND     >73-13       cH2_SEND_OND     >73-15       cH24_SEND     >73-16	$\begin{array}{c c c c c c c c c c c c c c c c c c c $
	с сн сн с	HH9_IN- → J69−16 HH9_IN0 → J69−17 H9_LINE+ → J69−18 H9_LINE+ → J69−18 CH H9_LINE → J69−19 CH H9_IN0 → J69−20	CH23_N+ → → J71-15 CH23_N- → J71-16 CH23_N- → J71-16 23_LNE → J71-18 23_LNE → J71-19 H23_CND → J71-20 23_+48V → J71-21		
	с сн сн2 сн2 сн2	H20_N- → 69-23 H20_N0 → → 69-24 H0_LNE+ → → 69-25 H0_LNE → 69-25 H0_LNE → 469-26 H0_LNE → 469-27	CH24_NH → J71-22 CH24_NH → J71-23 SH24_GND → J71-24 24_LNE+ → J71-25 24_LNE- → J71-25 24_LNE- → J71-27 171-27 171-27 171-28		
		+16V +16V +16V +169-29 +169-30 +169-32 +169-34 +169-34	+16V J71-29 J71-30 J71-31 J71-32 J71-33 J71-34 J71-34		

CH9_IN+	→>J119-1	CH13_IN+	→
	J119−2		D→J68-2
CH9_GND			D→J68-3
CH9_LINE+		CH13_LINE+	
CH9_LINE-		CH13_LINE-	
CH9_GND	→J119−6	CH13_GND	
CH9_+48V		CH13_+48V	
CH10_IN+	J119−8	CH14_IN+	D→→J68-8
CH10_IN-	D→→J119−9	CH14_IN-	
CH10_GND	→119-10	CH14_GND	
CH10_LINE+		CH14_LINE+	
CH10_LINE-	□>119-12	CH14_LINE-	
CH10_GND	□J119−13	CH14_GND	D→J68-13
CH10_+48V	□ → 119−14	CH14_+48V	D→J68−14
CH11_IN+		CH15_IN+	
CH11_IN-	□		D→J68-16
CH11_GND	119-17	CH15_GND	D→J68-17
	□ →J119−18		D→J68-18
CH11_LINE-	□>J119-19 □>J119-20	CH15_LINE-	D→J68-19
CH11_GND	→119-20	CH15_GND	□ → 168-20
CH11_+48V	□ →J119−21	CH15_+48V	D→J68-21
CH12_IN+	→119-22	CH16_IN+	→68-22
CH12_IN-	□ → 119-23	CH16_IN-	→68-23
CH12_GND	<u>→</u> 119–24	CH16_GND	
CH12_LINE+	□ →119-25	CH16_LINE+	
CH12_LINE-	\110_26	CH16_LINE-	
CH12_GND	□ → 119−27	CH16_GND	□
CH12_+48V	□ → 119−28	CH16_+48V	D → 68-28
+1	6V		+16V
-	119-30		68-30
	J119-31		
7	119-32 ل		
``	↓ 119-33		68-33
-	119-34		68-34
-1	6 V		-16 V
+16 V		MONO+	>J76−1 J76−2
-		MONO	>J76-2 ⇒J76-3
C246 <u></u> + C247 _	L+ ~		
47UF 1 47UF 1	Γ		→J76-6
		LEFT+	J76-7
<u> </u>			
✓ −10	6V		⇒J76-9
		BUS8+	J76−10
		BUS8	J76-11
		—	>J76−12
		BUS7+	J76−13
		BUS7-	J76−14
			≫J76-15
		BUS6+	→J76-16
		BUS6-	→J76-17
		_	>J76-18
		BUS5+	76−19 ل <del>&gt;</del>
		BUS5-	

BUS4+ D-BUS4- D-

BUS3+ 🗁 BUS3- 🗁

BUS2+ 🗁

BUS2- 🗁

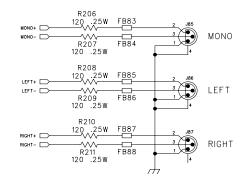
BUS1+ 🗁 BUS1- 🗁 -⊋176-20 ≥176-21

⇒476-22 ->476-23 >476-23 >476-24 ->476-25

→76-26 →76-27 →76-27

→ 376-28 → 376-29 → 376-30 → 376-31 → 376-32 → 376-33 → 376-34

/IC	IN	J88 1 3 2 4	FB89	R214 10 .25W C128 1000PF R215
				10 .25W
		///		10 .25W



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В

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MAC

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CH9\_SEND\_GND -CH10\_SEND CH11\_SEND\_GND CH11\_SEND CH12\_SEND\_GND CH12\_SEND CH13\_SEND\_GND CH13\_SEND CH14\_SEND\_GND CH14\_SEND CH15\_SEND\_GND CH15\_SEND -CH16\_SEND\_GND CH16\_SEND -

8

D

С

7

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С

