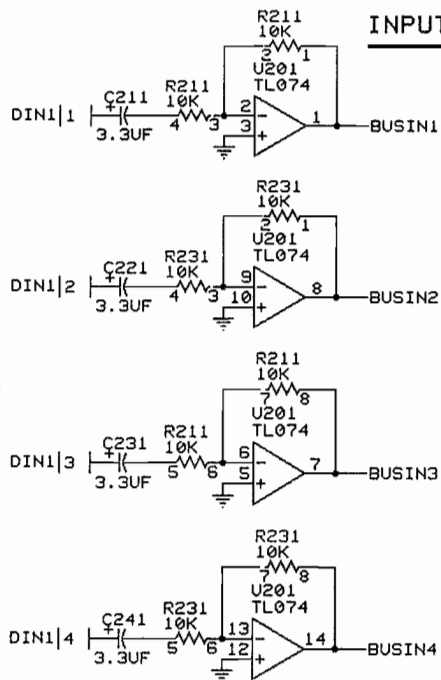


Ivie Technologies

1026
Integrated Mixer

000-1940 -- 1026 Main Board
Revision **B**
October 2002

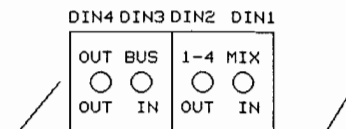
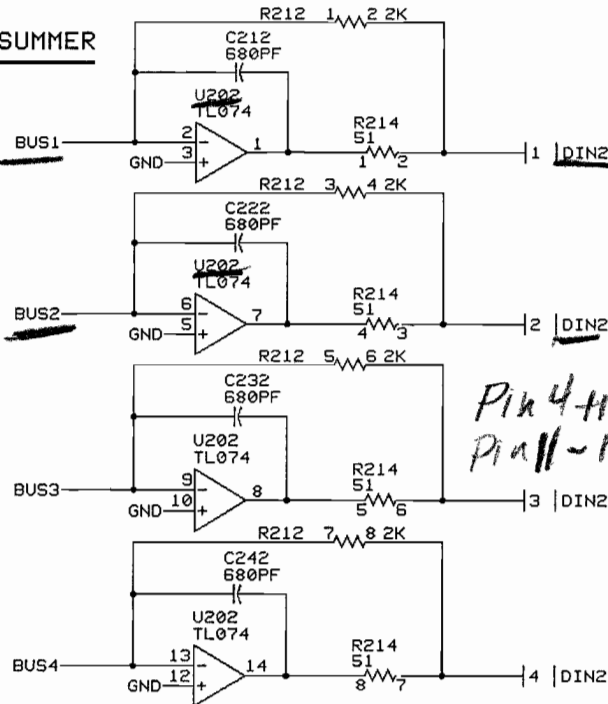




INPUT MIX BUS SUMMER

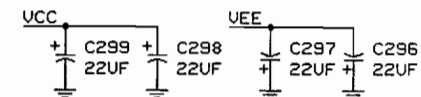
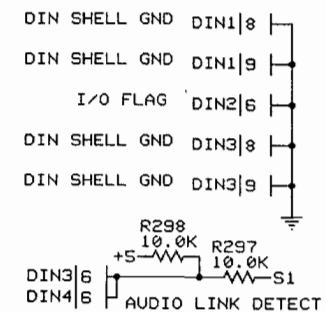
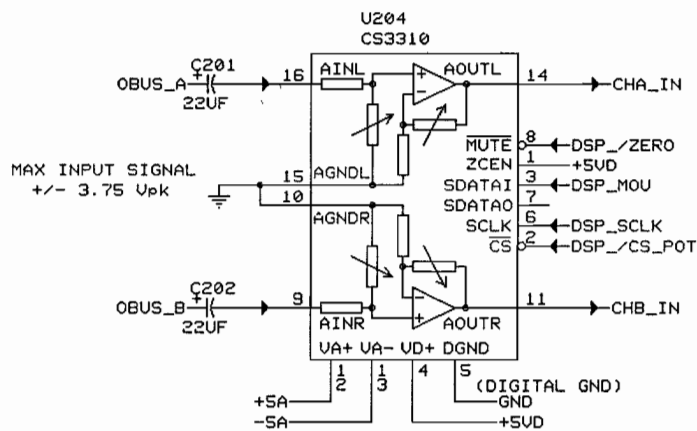
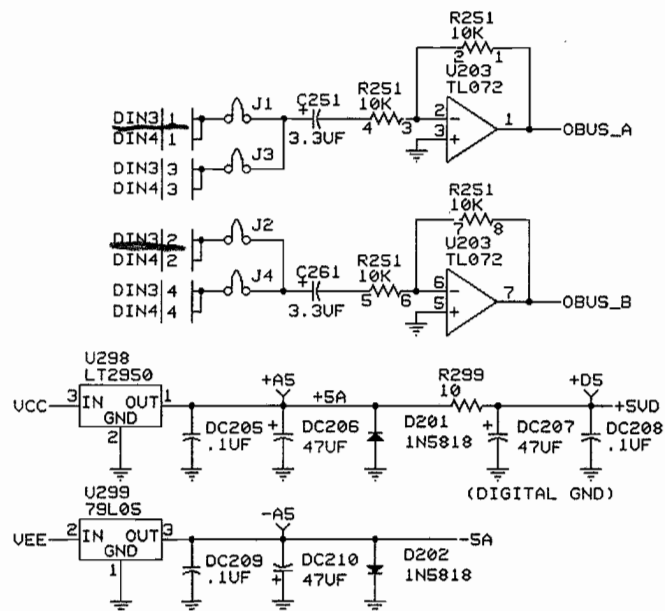
cell

GAN



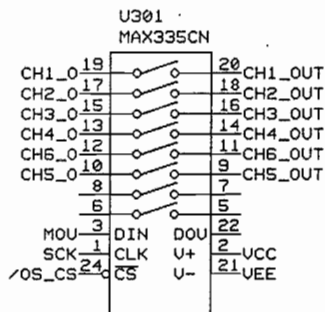
Pin 4-15
Pin 11-15

OUTPUT BUS RECEIVER

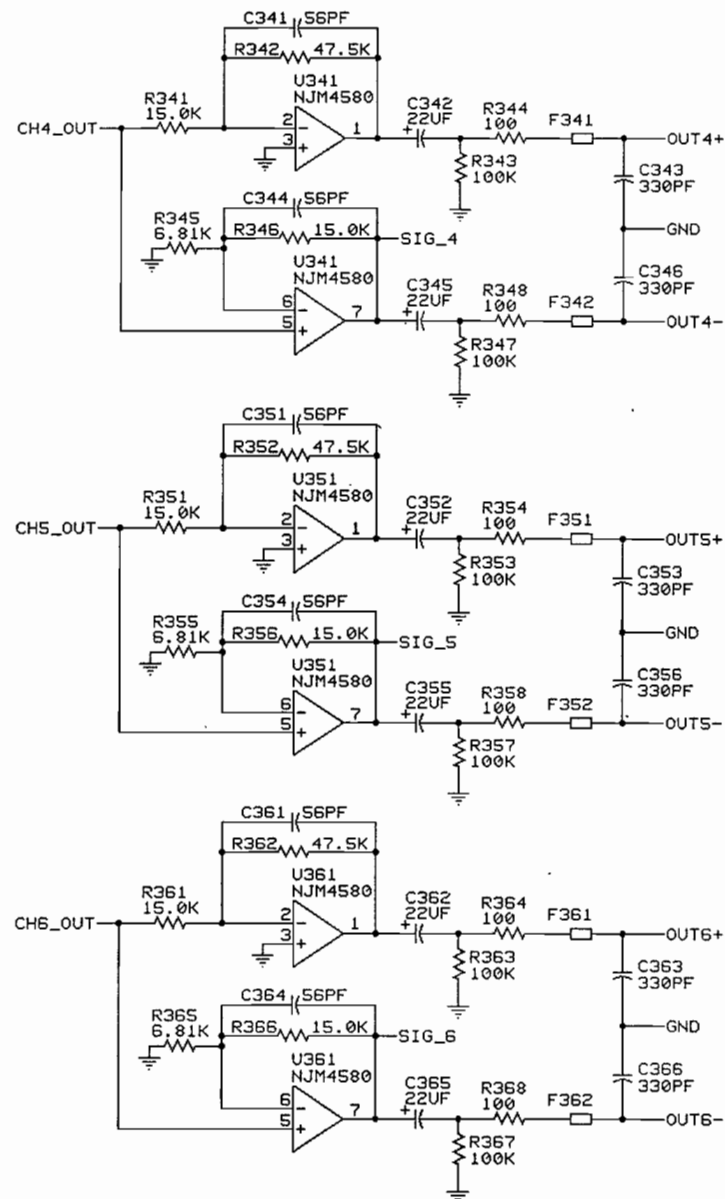
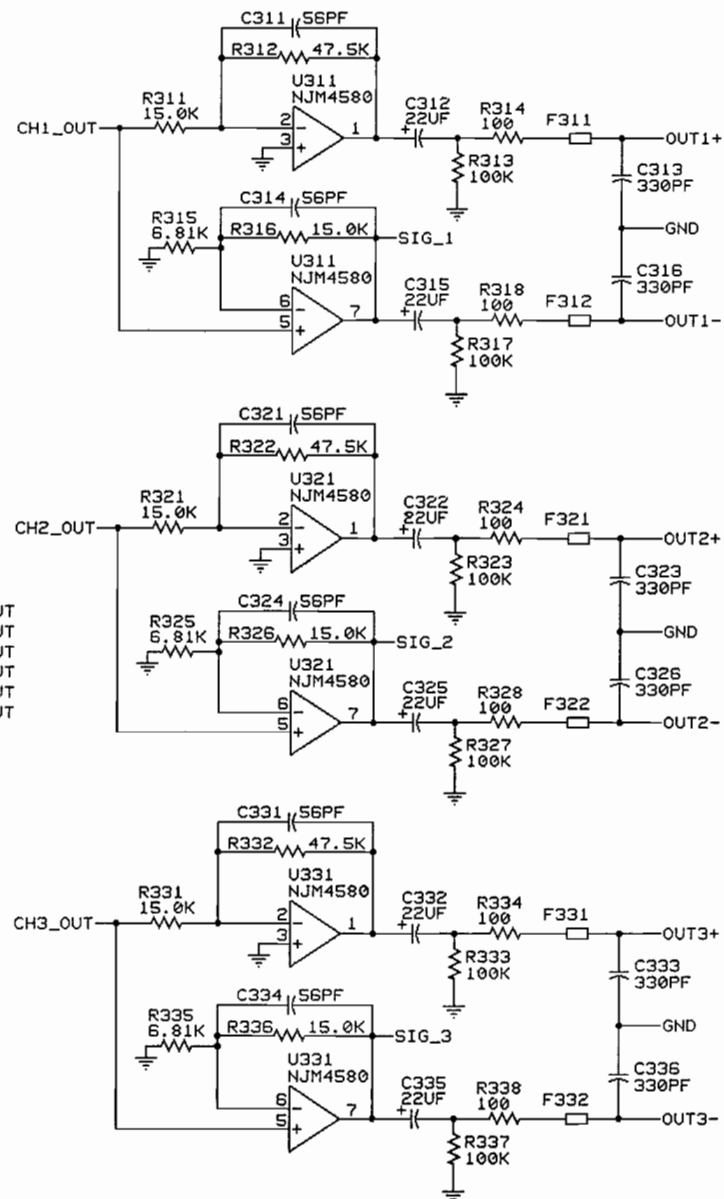
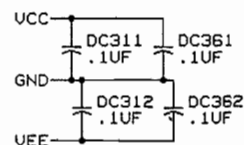


IVIE Technologies, Inc
1605 N WEST STATE ST, LEHI, UTAH 84043
1026 Integrated Mixer

D 1026M.P02 002-1940 REV B0
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R399
10.0K
+5V--/OS_CS
PWR-UP PULLUP



CHANNELS 1-6 BALANCED OUTPUT DRIVERS

IVIE Technologies, Inc.

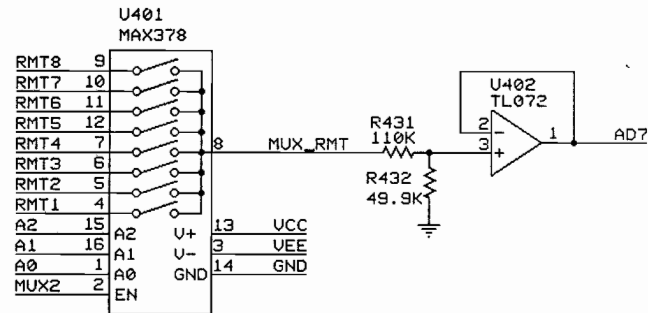
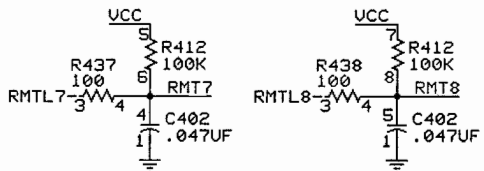
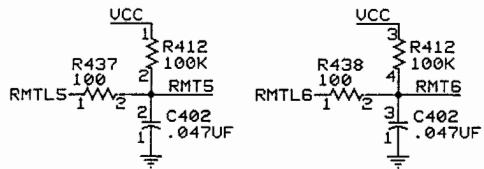
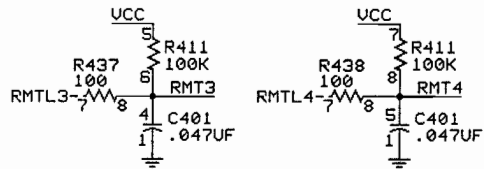
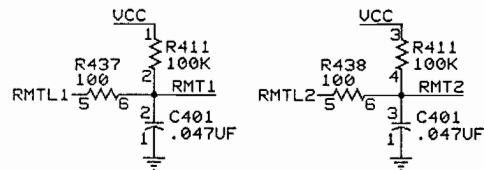
1605 N WEST STATE ST, LEHI, UTAH, 84043

1026 Integrated Mixer

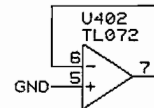
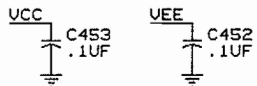
D 1026M.P03 002-1940 REV B0

DATE: 10/15/02 16:00:27 SHEET 03 OF 10

REMOTE CONTROL MUX



Remote
CONTROL
LEVELS
(mux'd)



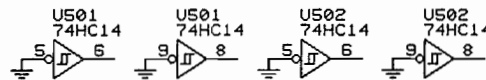
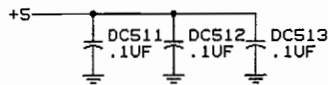
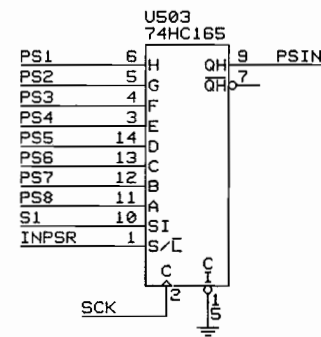
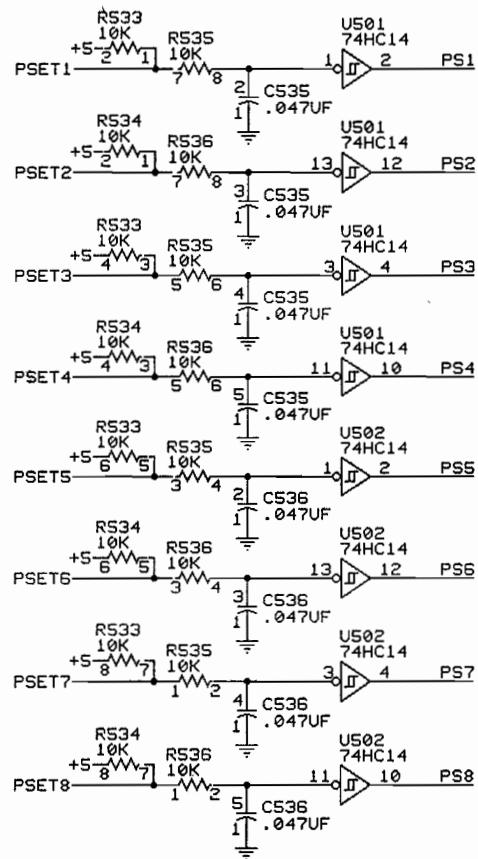
IVIE Technologies, Inc.
1605 N WEST STATE ST, LEHI, UTAH 84043

1026 Integrated Mixer

D 1026M.P04 002-1940 REV B0

DATE: 10/15/02 16:00:28 SHEET 04 OF 10

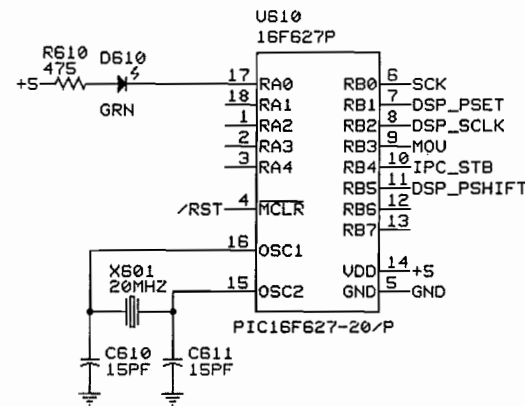
PRESET INPUT



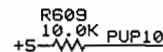
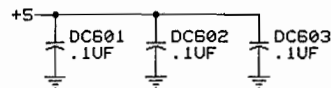
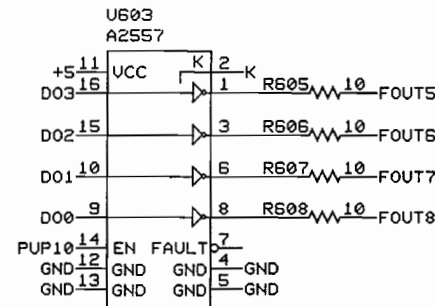
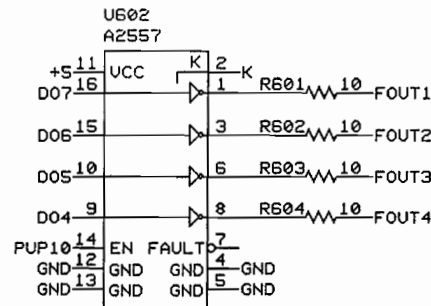
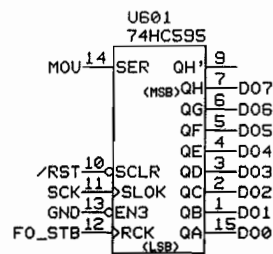
IVIE Technologies, Inc.
1605 N WEST STATE ST, LEHI, UTAH 84043
1026 Integrated Mixer

D	1026M.P05	002-1940	REV B0
DATE:	10/15/02 16:00:29	SHEET	05 OF 10

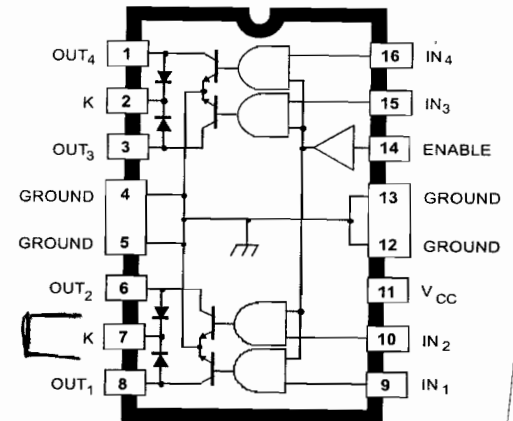
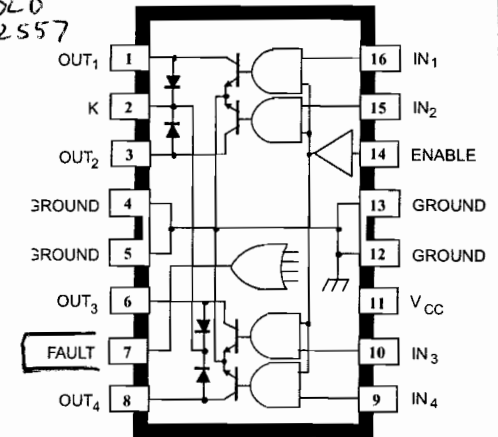
INTERPROCESSOR COMMO



FUNCTION OUTPUT



OLD
2557



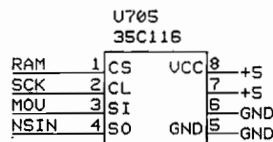
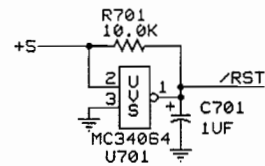
new
2559

IVIE Technologies, Inc
1605 N WEST STATE ST, LEHI, UTAH 84043

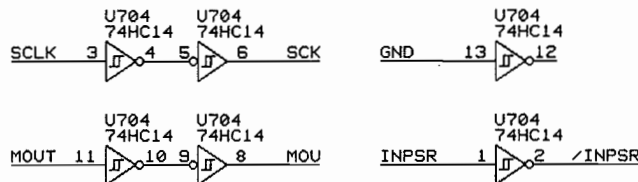
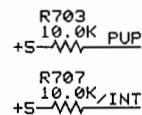
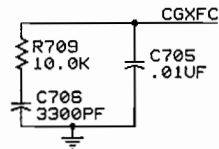
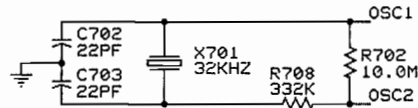
1026 Integrated Mixer

D 1026M.P06 001-1920 REV A0

DATE: 10/15/02 16:31:28 SHEET 06 OF 10

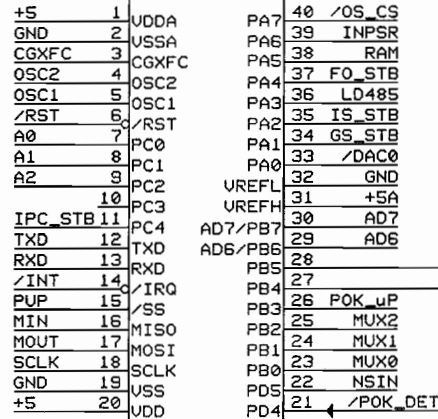


35C116 = 16K BITS OR 2K BYTES

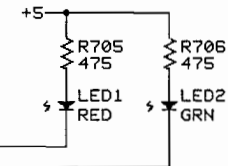


MICRO

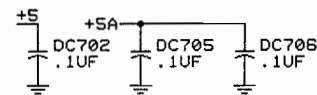
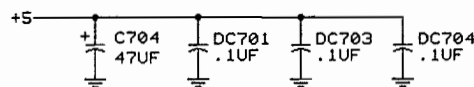
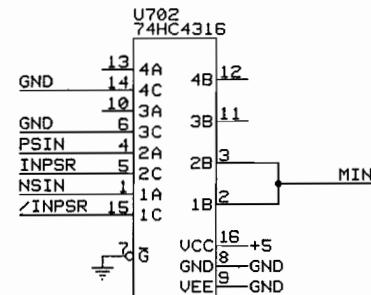
U706
HC908P
MC68HC908GP32
DIP (P) PKG



AD6 - Input Levels (max)
AD7 - Remotes (mixed)



/OS_CS = OUTPUT SWITCH CHIP SELECT
RAM = EEPROM CHIP SELECT
FO_STB = FUNCTION OUT / IPC LATCH STROBE
LD485 = AUDIO SWITCH MATRIX STROBE
IS_STB = UNIVERSAL INPUT SWITCH STROBE
GS_STB = GATE STATUS LATCH STROBE
/DAC0 = VCA LEVEL DAC STROBE



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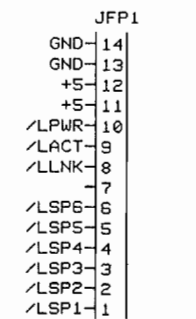
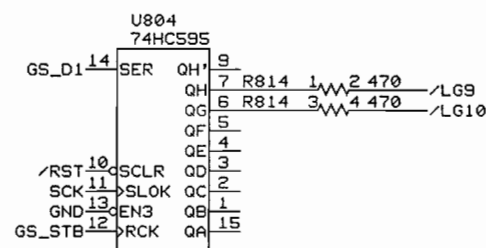
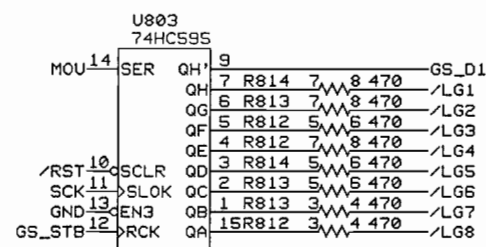
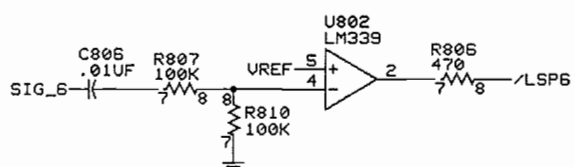
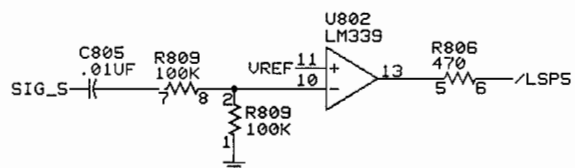
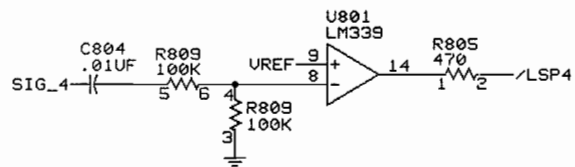
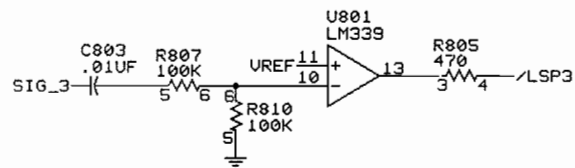
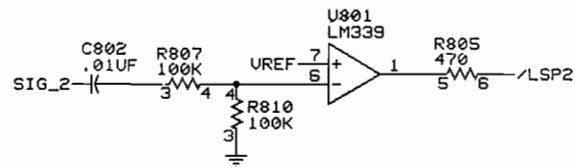
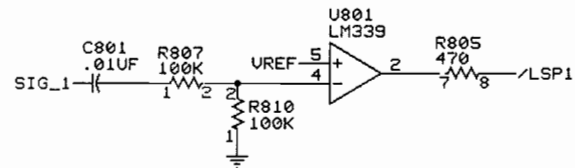
1605 N WEST STATE ST, LEHI, UTAH 84043

1026 Integrated Mixer

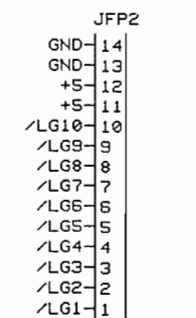
D 1026M.P07 002-1940 REV B0

DATE: 10/15/02 16:00:31 SHEET 07 OF 10

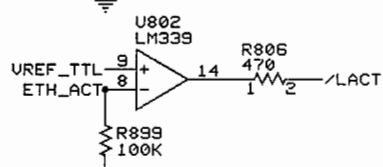
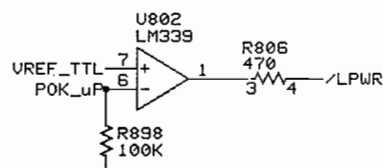
OUTPUT SIGNAL PRESENCE



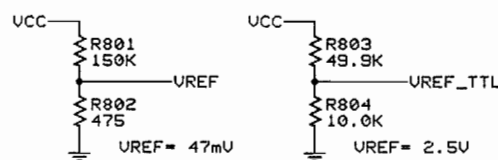
MATES WITH
FRONT PANEL J99



MATES WITH
FRONT PANEL J98

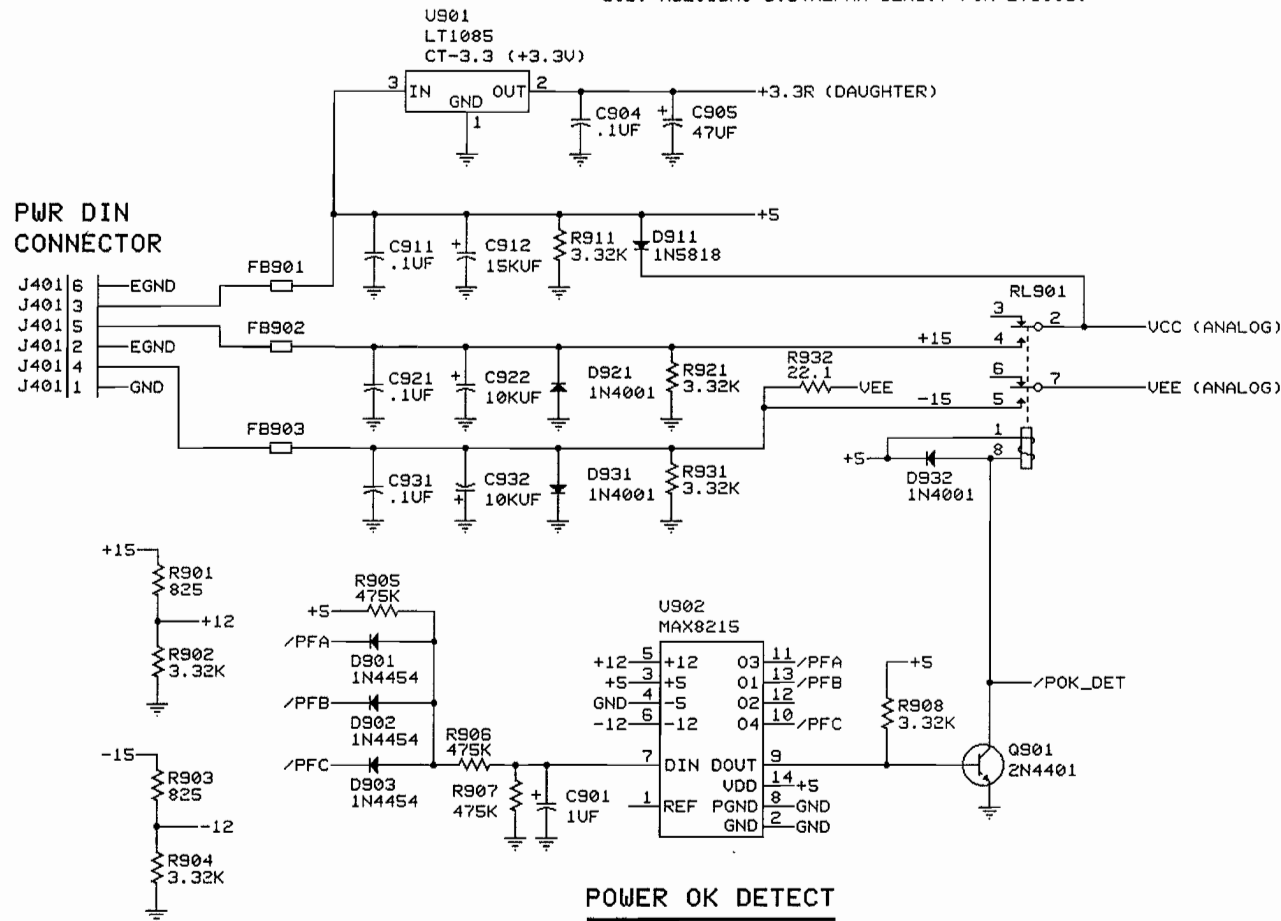


FOR U301/U302
VCC
DC802
.1UF



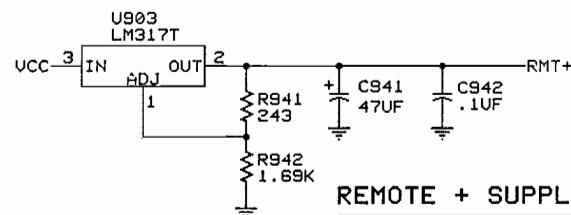
NOTE:

- SUB. AS2815AU-3.3(Alpha Semi.) FOR LT1085.

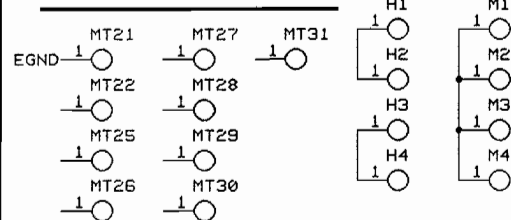


POWER OK DETECT

REMOTE + SUPPLY



MECHANICAL SUPPORT



IUIE Technologies, Inc.

1605 NW STATE STREET, LEHI, UTAH 84043

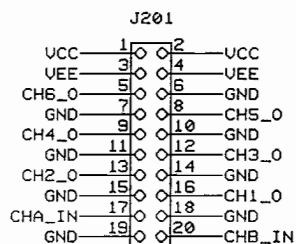
1026 Integrated Mixer

D 1026M.P09 002-1940 REV B0

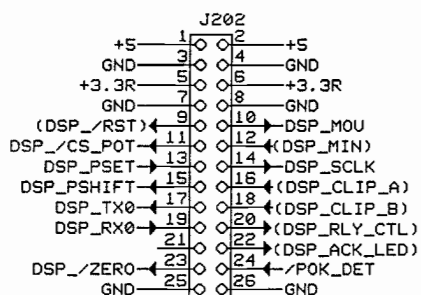
DATE: 10/15/02 16:00:33 SHEET 09 OF 10

MAIN TO 626 DAUGHTER HEADERS

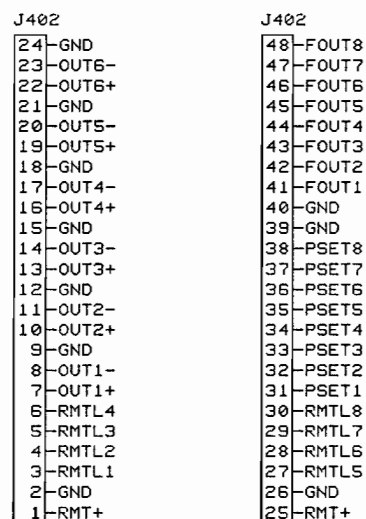
AUDIO/PWR



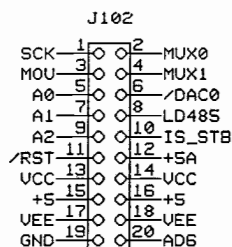
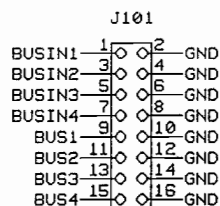
CONTROL/PWR



OUTPUT CONNECTORS

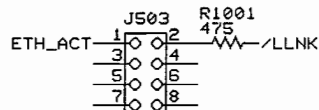
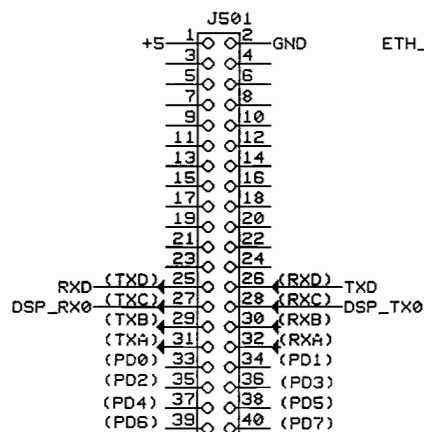
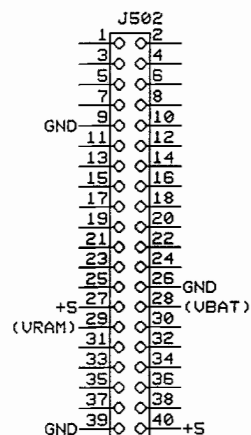


MAIN TO UNIVERSAL INPUT HEADERS



MUX OUT FROM INPUT BOARD (LEVEL DETECTOR)

MAIN TO ETHERNET INTERFACE HEADERS



IUIE Technologies, Inc.

1605 NW STATE STREET, LEHI, UTAH 84043

1026 Integrated Mixer

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