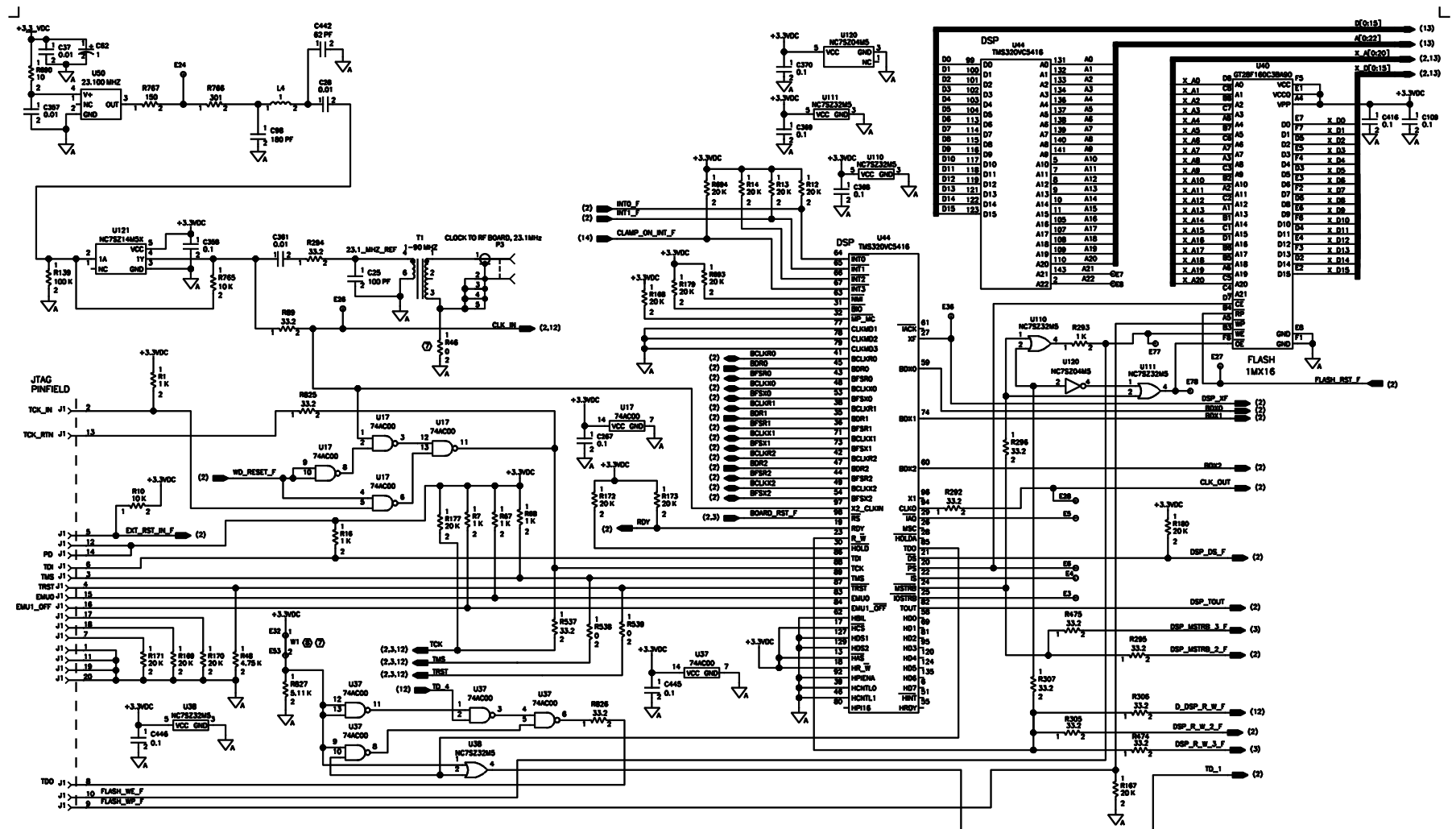


REV	DESCRIPTION	DATE	APPD
1			



- NOTES:
- ① UNLESS OTHERWISE SPECIFIED, RESISTANCE VALUES ARE IN OHMS, CAPACITANCE VALUES ARE IN MICROFARADS, AND INDUCTANCE VALUES ARE IN MICROHENRYS.
 - ② PARTIAL REFERENCE DESIGNATIONS ARE SHOWN; FOR COMPLETE DESIGNATION, REFER WITH UNIT AND/OR ASSSEMBLY DESIGNATION.
 - ③ THIS NOTE NOT USED
 - ④ THIS NOTE NOT USED
 - ⑤ THIS NOTE NOT USED
 - ⑥ DENOTES COMMENTS AND REMARKS.
 - ⑦ NOT INSTALLED AT THIS TIME
 - ⑧ JTAG/EMULATOR SELECT. INSTALL FOR EMULATOR.

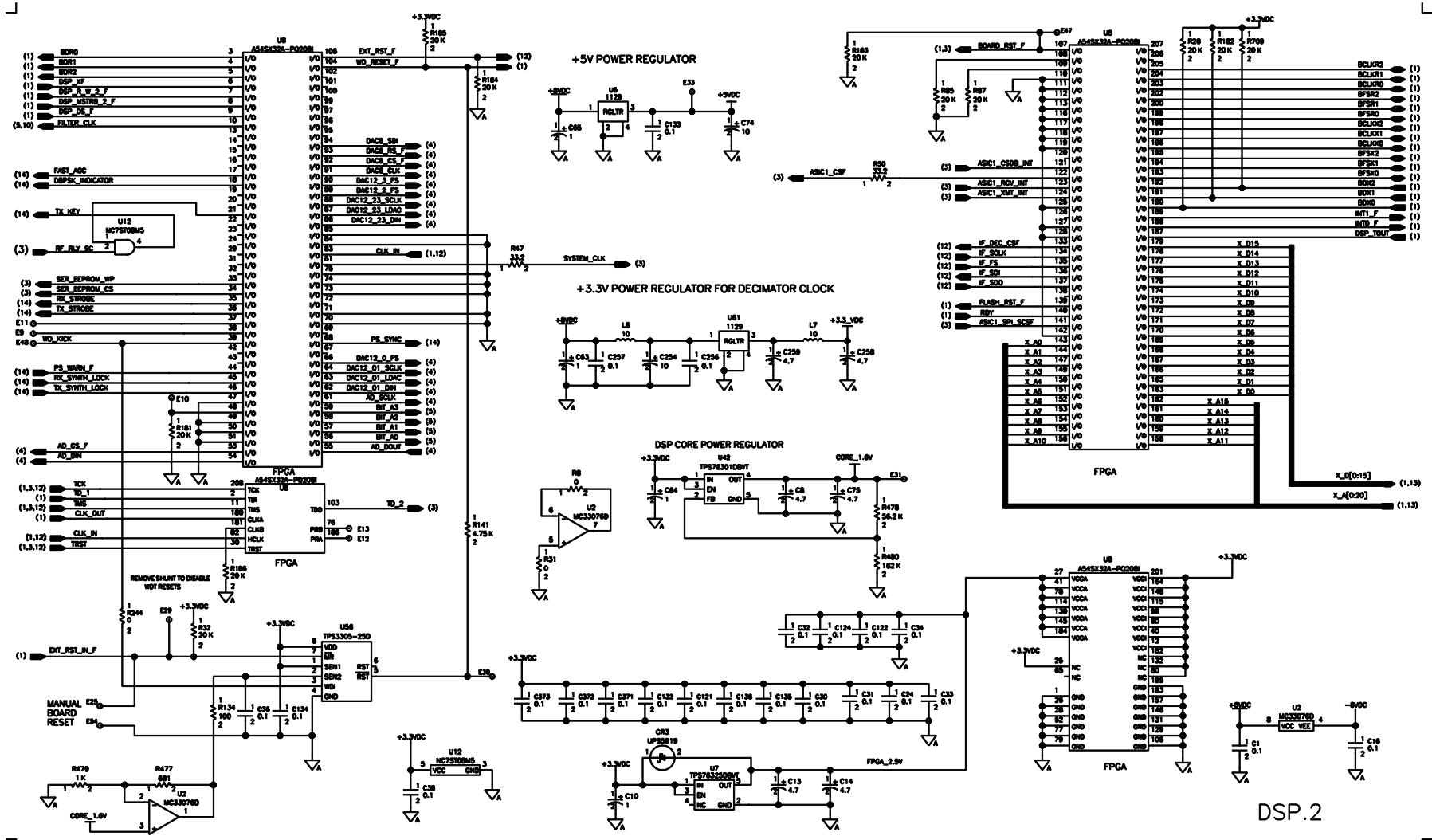
THIS DRAWING IS CREATED FROM DIGITAL DATA

design.1

ROCKWELL COLLINS
PROPRIETARY INFORMATION.

Plotted 09/06/01 15:57

PREP Richard E. Collet DES A.C. Mejia DESIGNED J. BLANK DATE 09/06/01 DRAWING NO. 828-3311-002 EQUIPMENT TYPE VOL-2000		ROCKWELL COLLINS, INC 400 COLLINS RD. NE CEDAR RAPIDS, IA 52408 SCHEMATIC DIAGRAM, DSP REV D QRE CODE 4V792 DATE 828-8711-002 SCALE NONE SHEET 1 OF 14 END. NO.	
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THIS DRAWING IS CREATED FROM DIGITAL DATA

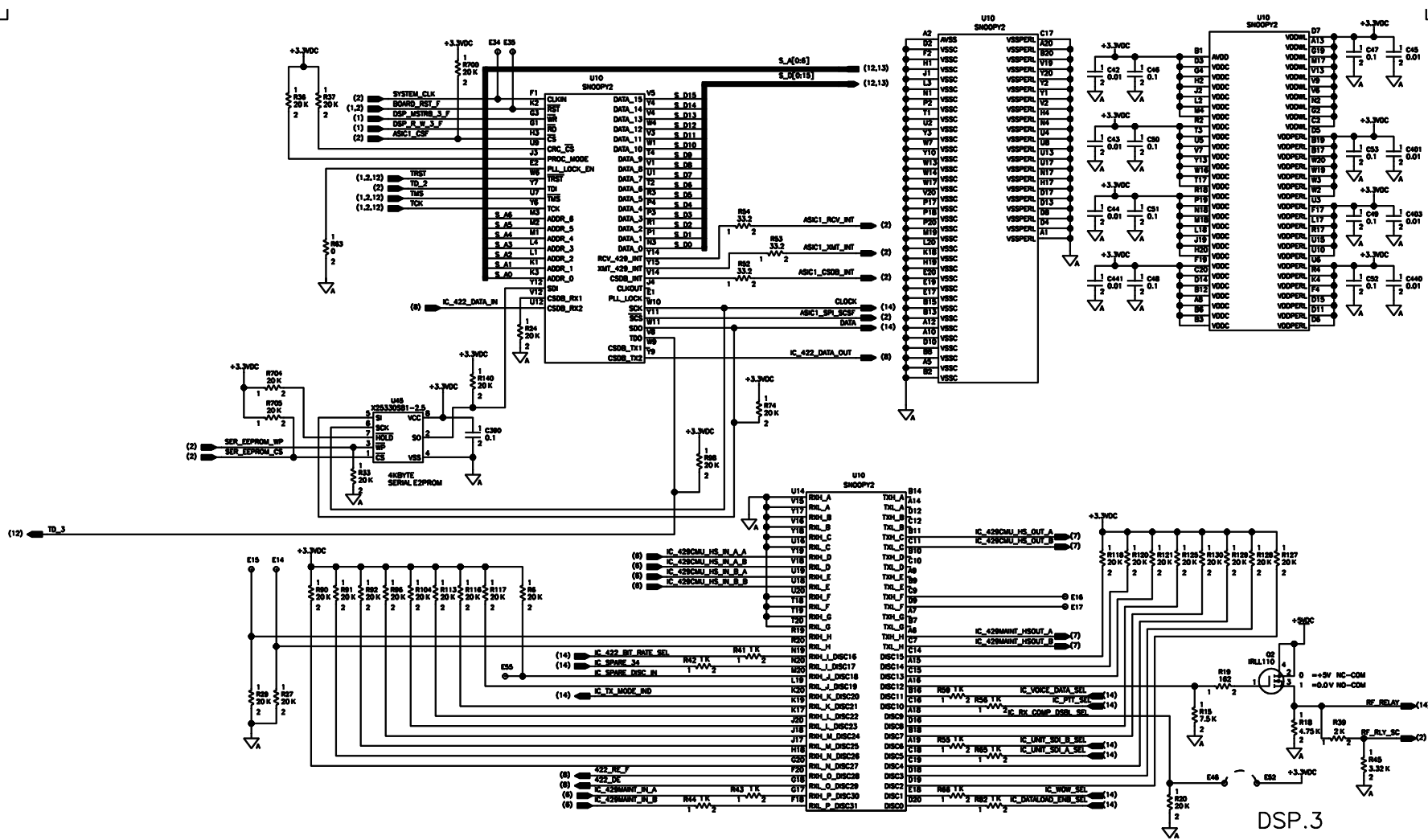
REV	DATE	DESCRIPTION	BY
D	4/79	828-8711-002	-
DATE	06/06/01	15:57	2

design.2

Plotted 06/06/01 15:57

ROCKWELL COLLINS
PROPRIETARY INFORMATION.

DATE 06/06/01 15:57
PAGE 2



DSP.3

THIS DRAWING IS CREATED FROM DIGITAL DATA

design.3

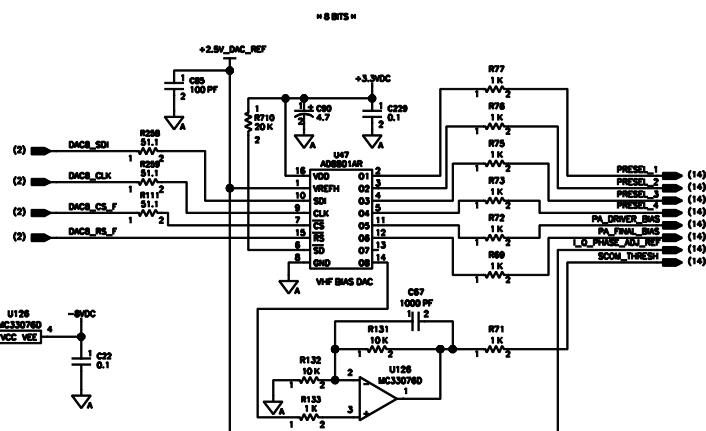
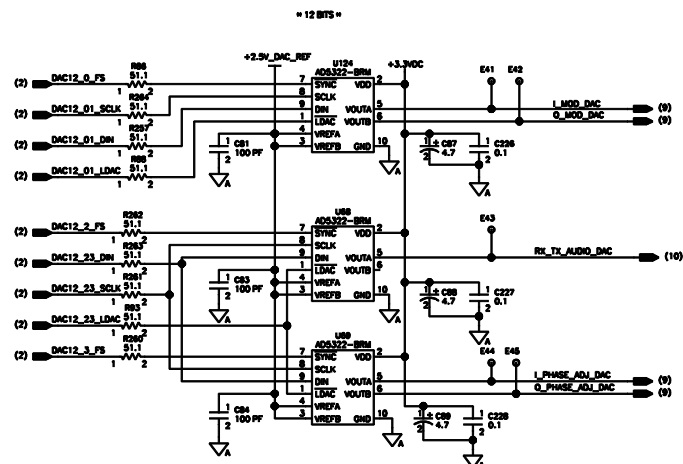
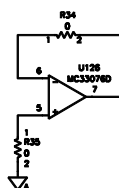
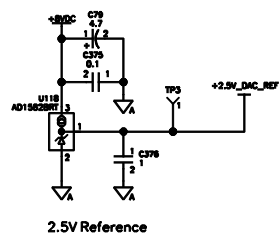
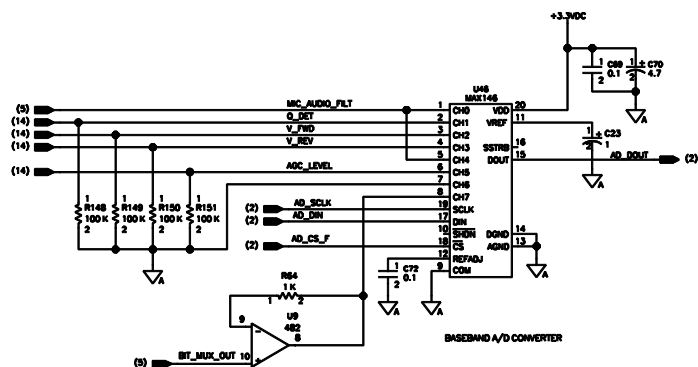
Plotted 09/06/01 15:57

REV	CHG CODE	ISSUED	REVISION
D	4V792	828-8711-002	-
NAME	NAME	DATE	3

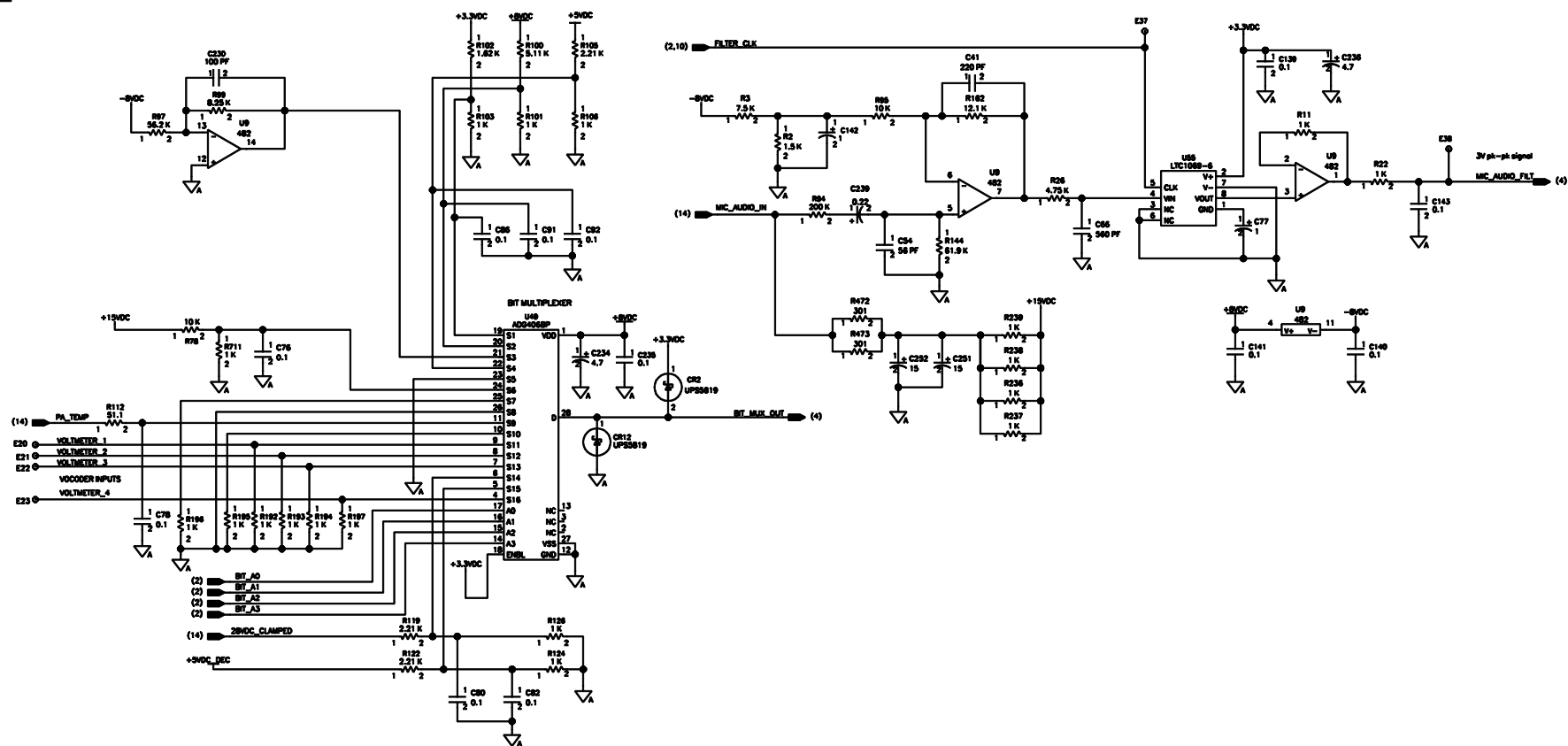
ROCKWELL COLLINS
PROPRIETARY INFORMATION.

DATE: 09/06/01 15:57

DATE: 09/06/01 15:57



DSP.4



DSP.5

THIS DRAWING IS CREATED FROM DIGITAL DATA

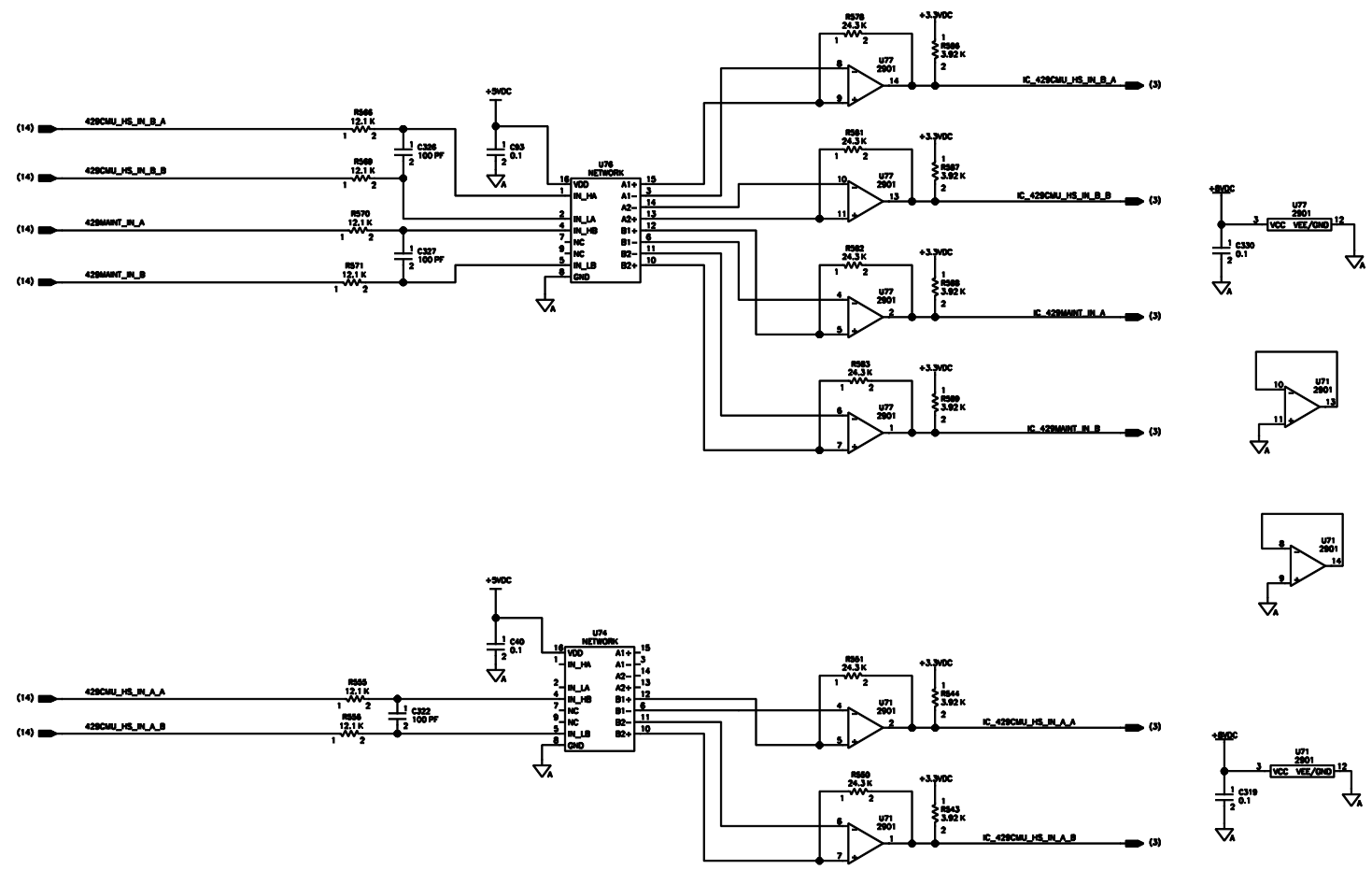
design.5

Plotted 09/06/01 15:57

DIGITAL DATA ONLY NO DIMENSION TRACING

REV	CHG CODE	ISSUED	REV
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WORK	NONE		SHEET 5

ROCKWELL COLLINS
PROPRIETARY INFORMATION.



DSP.6

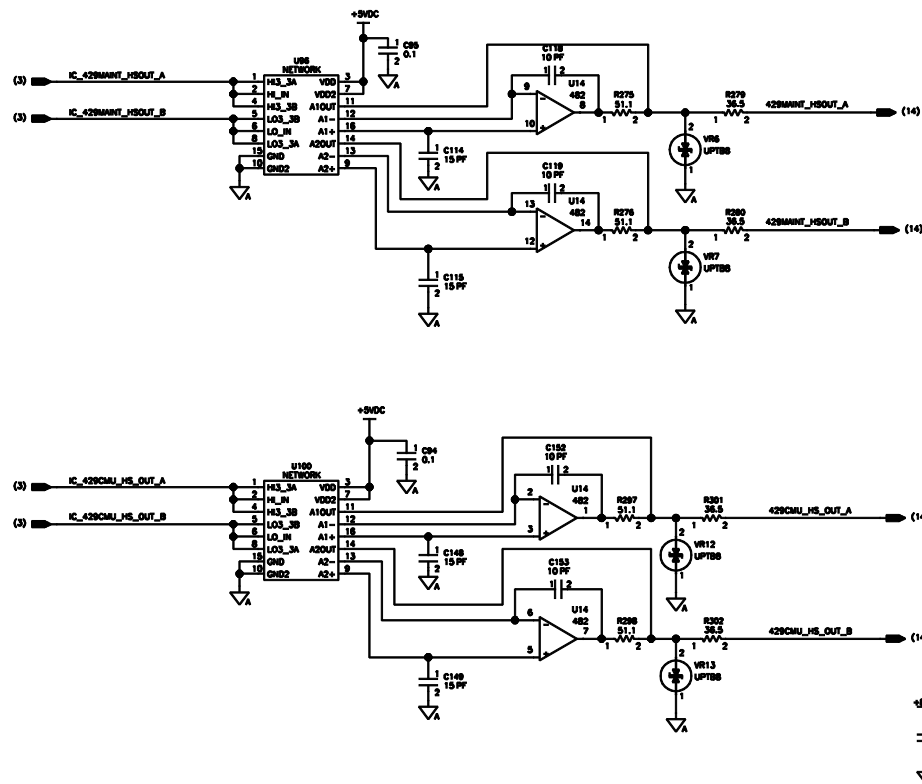
THIS DRAWING IS CREATED FROM DIGITAL DATA

design.6

Plotted 09/06/01 15:57

DIGITAL DATA ONLY NO SHOOTER TRACKING

SIZE	CHK CODE	DESIGN	REV
D	4V792	828-8711-002	-
NAME	NAME	SHEET 6	



429 TRANSMITTERS

DSP.7

THIS DRAWING IS CREATED FROM DIGITAL DATA

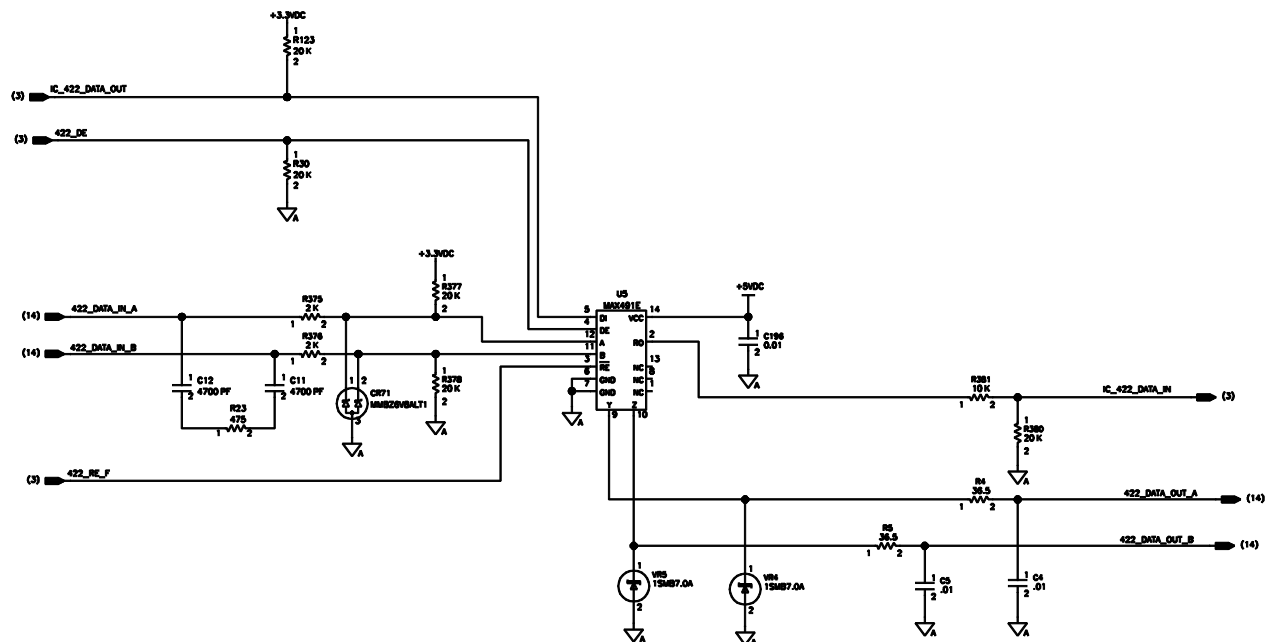
design.7

Plotted 09/06/01 15:57

DIGITAL DATA ONLY NO SHOOTER TRACKING

REV	DATE	DESCRIPTION	BY
D	4V792	828-8711-002	-
WAVE	NONE		
		SHEET	7

ROCKWELL COLLINS
PROPRIETARY INFORMATION.



422 TRANSCEIVERS
DSP.8

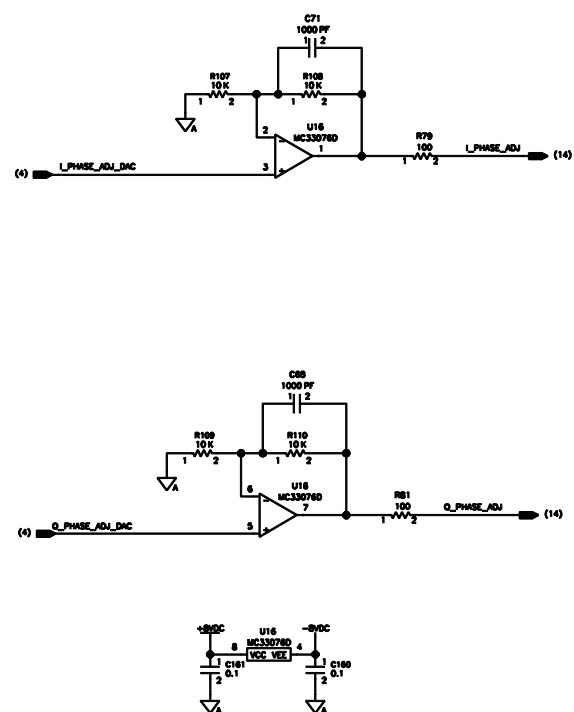
THIS DRAWING IS CREATED FROM DIGITAL DATA

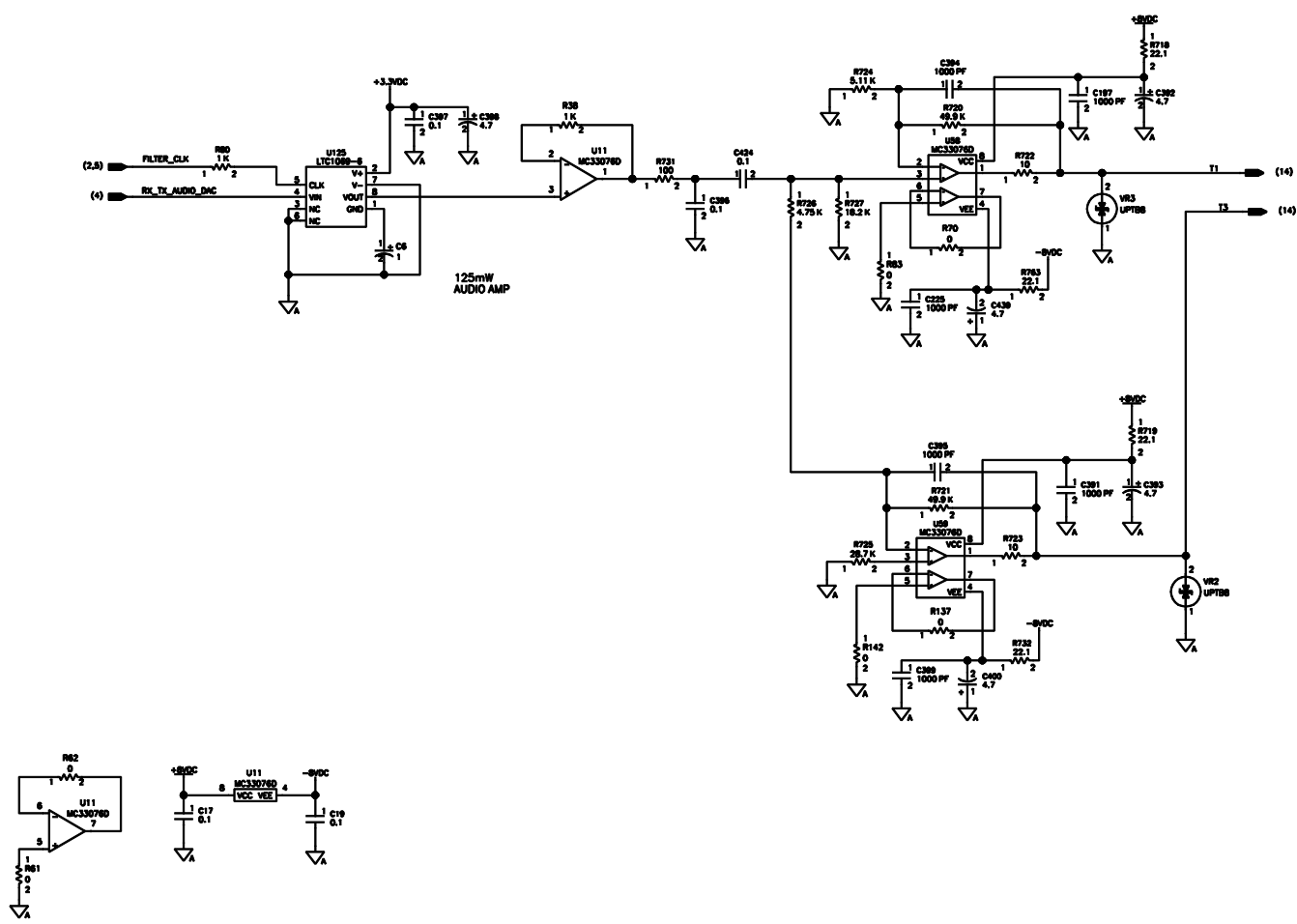
design.8

Plotted 09/06/01 15:37

DIGITAL DATA ONLY NO SHOOTER TRACKING

SIZE	CHK CODE	REV	REV
D	4V792	828-8711-002	-
WORK	NONE		SHEET 8





DSP.10

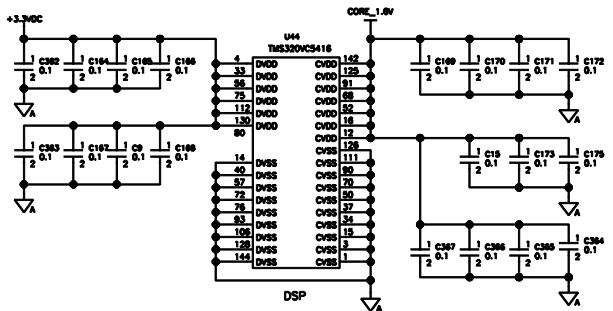
THIS DRAWING IS CREATED FROM DIGITAL DATA

design.10

Plotted 09/06/01 15:57

ROCKWELL COLLINS
PROPRIETARY INFORMATION.

REV	DATE	DESCRIPTION	BY
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WORK	NONE		
		SHEET	10



DSP.11

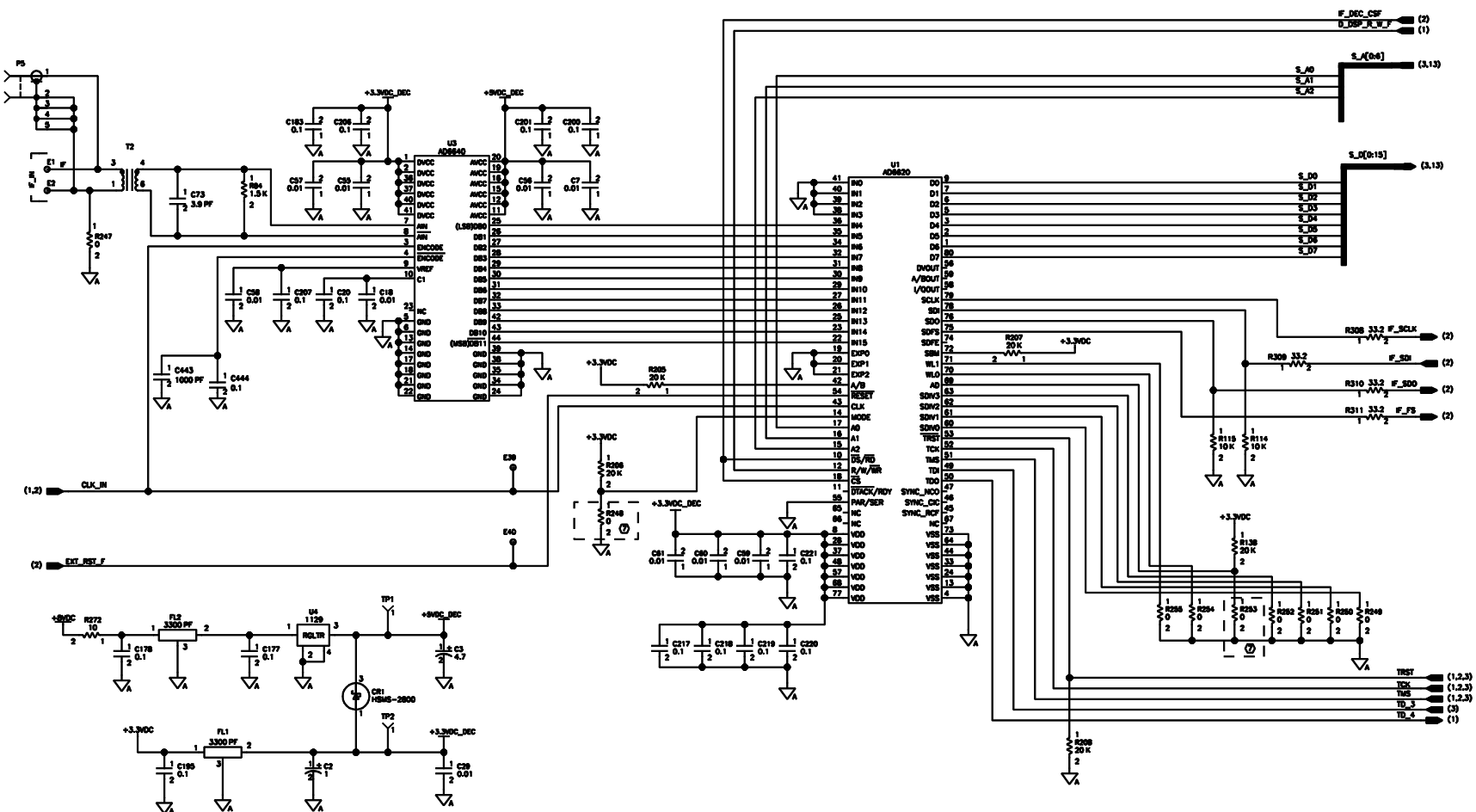
THIS DRAWING IS CREATED FROM DIGITAL DATA

SIZE	DATE CODE	REV. NO.	REVISION
D	4V792	828-8711-002	-
WORK	NONE		SHEET 11

design.11

Plotted 09/06/01 15:57

DIGITAL DATA ONLY NO SHIPMENT TRACKING



DSP.12

THIS DRAWING IS CREATED FROM DIGITAL DATA

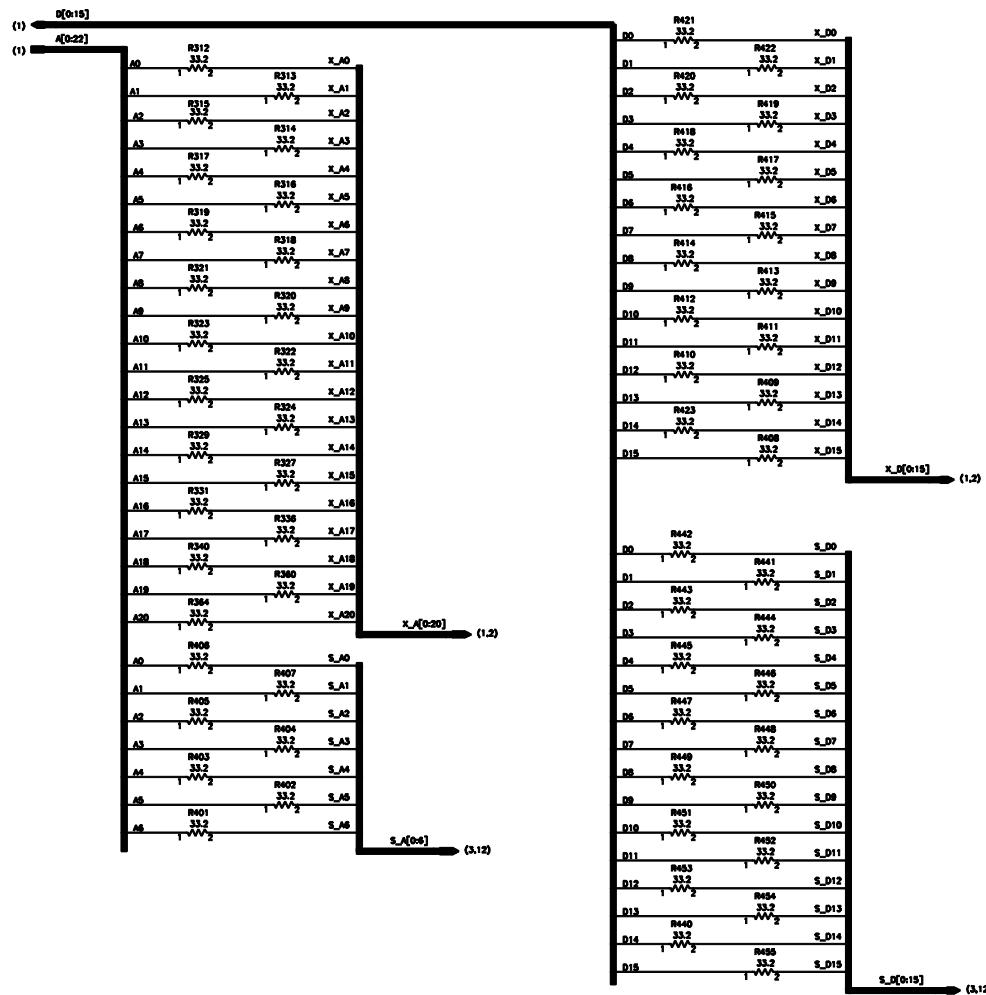
design.12

Plotted 09/06/01 15:57

DESIGN DATA ONLY NO OTHER TRACING

REV	DATE	DESCRIPTION	BY
D	4/792	828-8711-002	-
NAME	NAME	DATE	12

ROCKWELL COLLINS
PROPRIETARY INFORMATION.



X_A and X_D connect to the FLASH address and Data bus
X_A and X_D connect to the FPGA address and Data bus

S_A and S_D connect to the Snoop ASIC address and Data bus
S_A and S_D connect to the Decimator address and Data bus

DSP.13

**A2J103 CONNECTS THROUGH
A3 INTERCONNECT**

TO A3J1
OF INTERCONNECT
(EXT CONNECTOR)

THROUGH A3 INTERCONNECT
TO A4J104 OF PS

Hard Wire to RF Relay

**A2J102 CONNECTS THROUGH A5
TO A1J101**

DSP.14