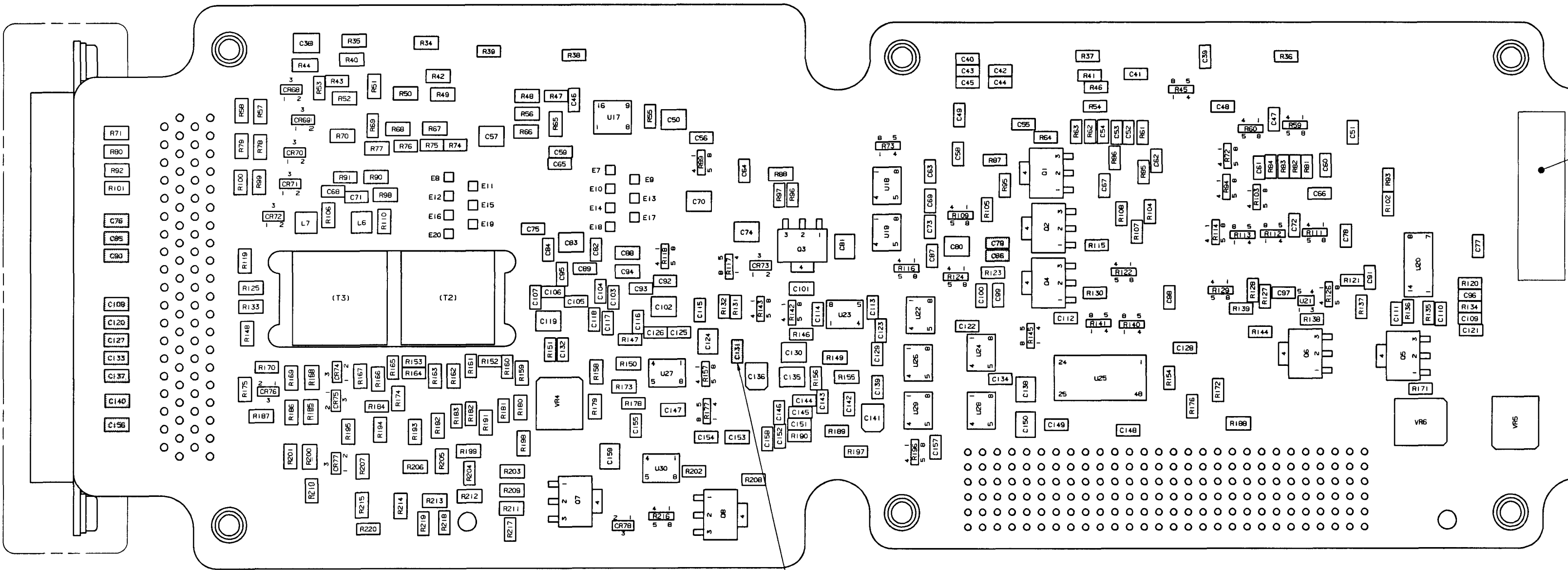


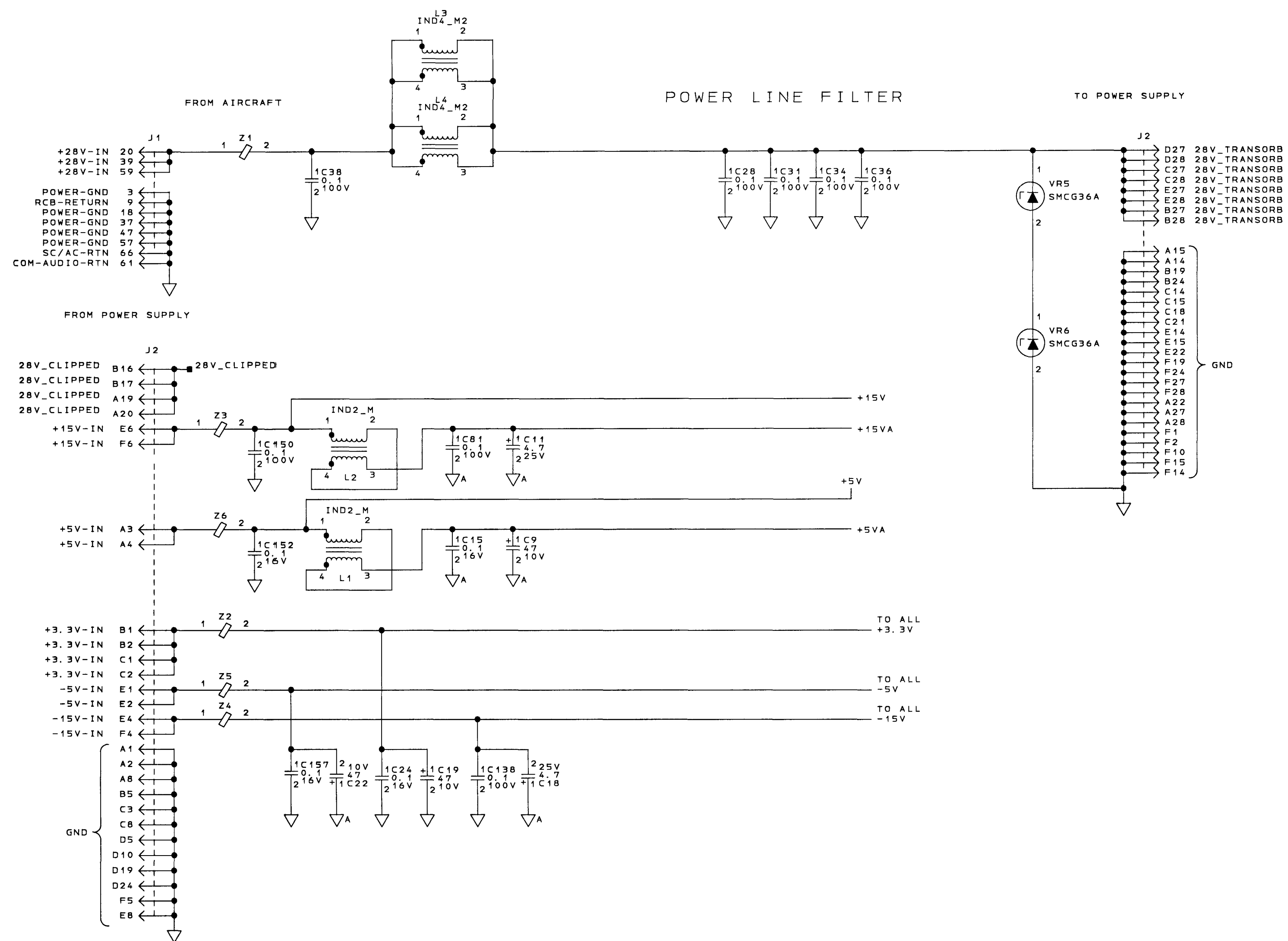
A	
B	
C	
D	→
E	
F	
G	
H	

5231-041 (ASME Y14.5M-1994) HONEYWELL INC.
(REV 3-87)

JAN 17 2002 jolson 10:14:41



VIEWING SIDE A

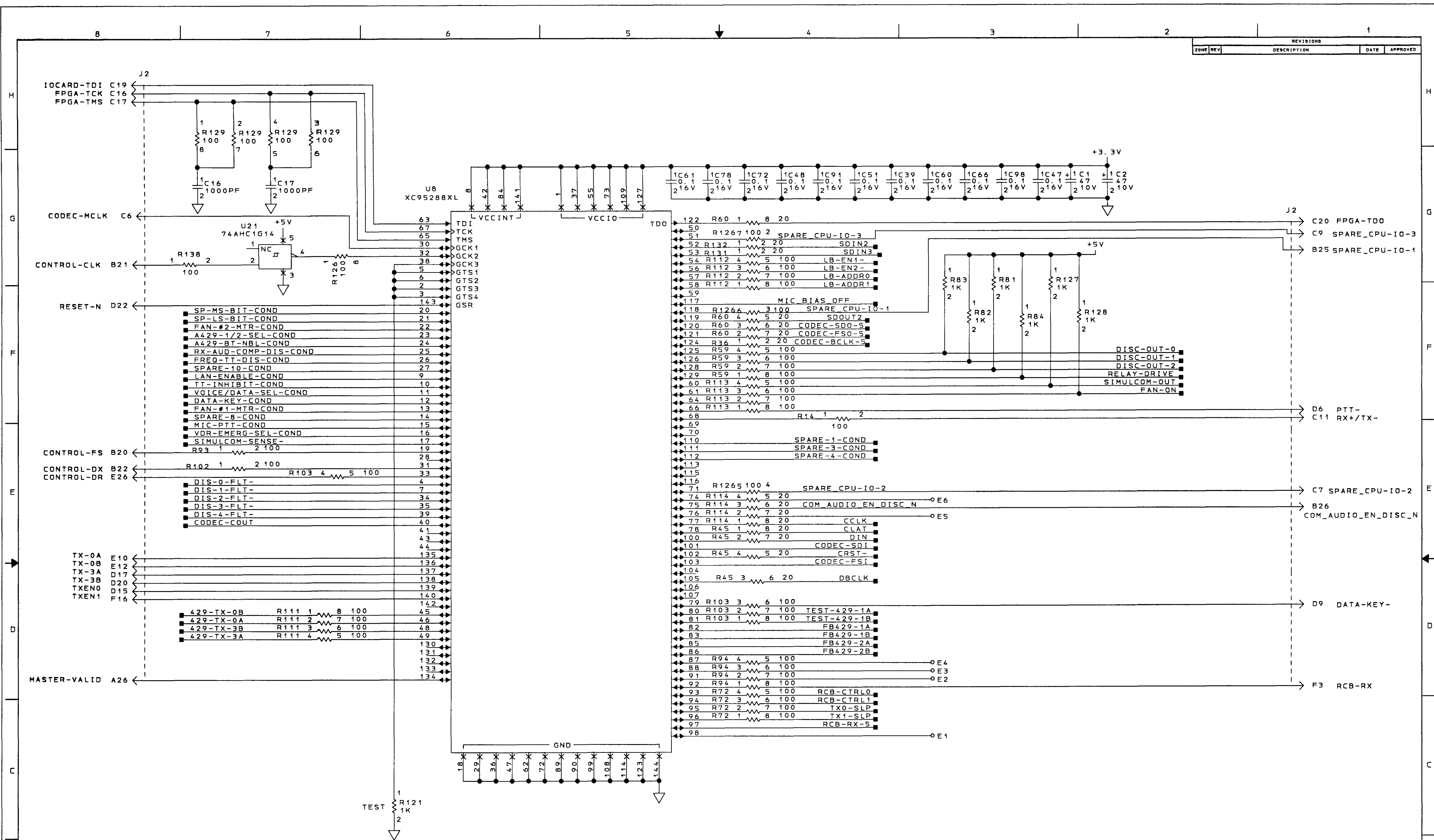


NOTES:
 1. ALL CAPACITANCE VALUES ARE IN MICROFARADS.
 2. ALL RESISTANCE VALUES ARE IN OHMS.
 3. ALL INDUCTANCE VALUES ARE IN MICROHENRIES.
 4. PARTIAL REFERENCE DESIGNATIONS ARE SHOWN;
 FOR COMPLETE DESIGNATIONS PREFIX PART
 DESIGNATION WITH SUBASSEMBLY DESIGNATION.
 5. INTERPRET DRAWING PER ANSI Y32.2-1975 AND
 ANSI/IEEE STD 991-1986. LOGIC SYMBOLS
 CONFORM TO ANSI/IEEE STD 91-1984.

POWER CONNECTIONS
 SCHEMATIC DIAGRAM SHEET NO. 1 OF 18

COMPUTER GENERATED

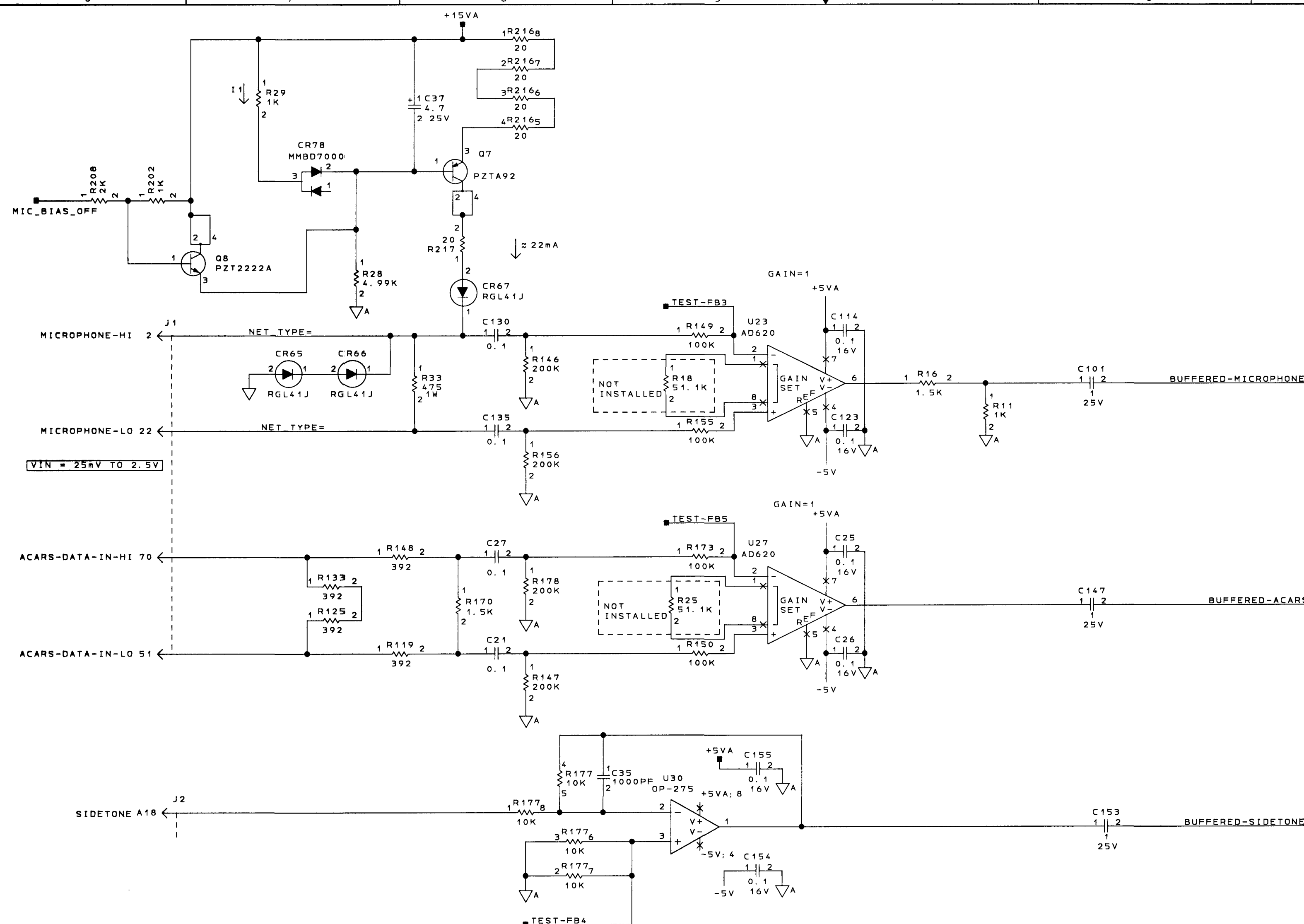
1-17-2002-10:05	J. OLSON	SIZE/CAGE CODE	DRAWING NO.	REV
Honeywell	SEE FIRST SHEET FOR CONTRACT NUMBER. USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.	E 55939	7026232-902	XA
SCALE		SHEET 4		



LVTTL STANDARDS:
 (VALID FOR XC85144XL AND XCV50E)
 1. VOH/VOL = 2.4V/0.4V
 2. VIH/VIL = 2.0V/0.8V

CPLD SCHEMATIC DIAGRAM SHEET NO. 2

COMPUTER GENERATED



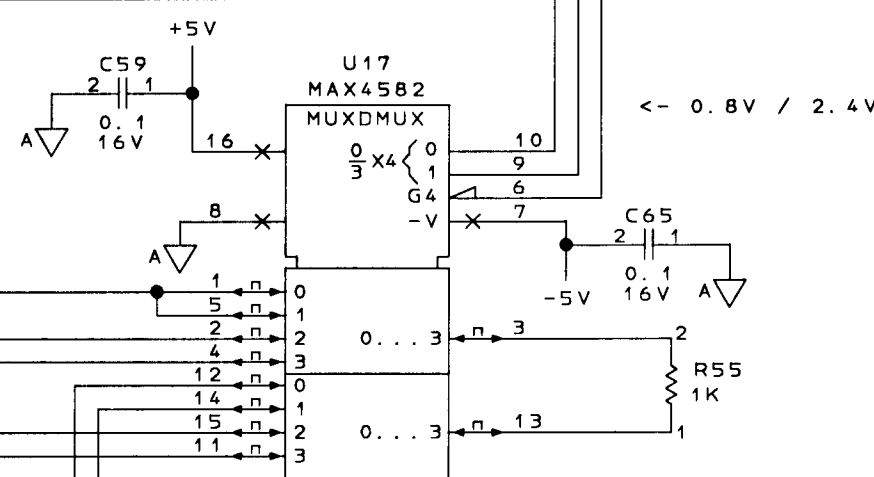
AUDIO IN
SCHEMATIC DIAGRAM SHEET NO. 4

COMPUTER GENERATED

LB-EN1-
LB-ADDR1
LB-ADDR0

TEST-FB3
TEST-FB4
TEST-FB5
TEST-FB1
TEST-FB2

RELAY-DRIVE



EN	A1	A0	LOOPBACK STATE
1	X	X	NORMAL OPERATION
0	0	0	MKR AUDIO -> MICROPHONE IN
0	0	1	NAV/COM AUDIO + -> SIDETONE IN
0	1	0	NAV/COM PHONE -> MICROPHONE IN
0	1	1	SELCAL ACARS -> ACARS IN

4.5V, 145 Ohms

REC-PHONE-AUDIO
SIDETONE-PHONE-AUDIO

NC-PHONE-HI
NC-PHONE-LO

MKR-AUDIO-HI
MKR-AUDIO-LO

V = 2.25V +/- 1.125Vpk
Double-ended for
maximum output

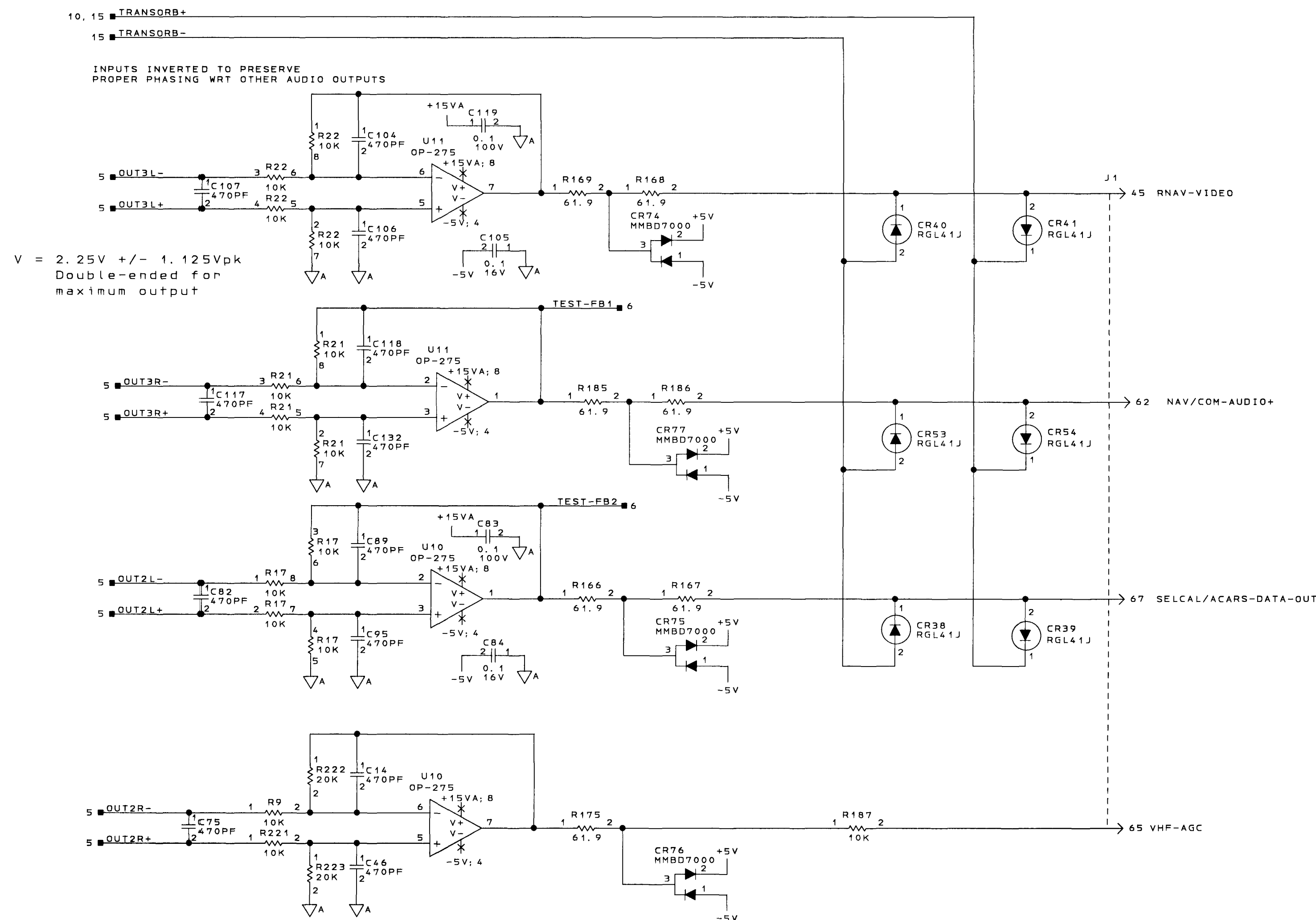
100 mW/600 Ohm = 7.75VRMS
= 21.9V PK-PK

9.0V PK-PK

AUDIO OUTPUTS
SCHEMATIC DIAGRAM SHEET NO. 6

COMPUTER GENERATED

REVISIONS			
ZONE	REV	DESCRIPTION	DATE
C6		PARTS LIST DATA BASE	
		CHANGE. REF DES R221,	
		R222 AND R223 WAS R9,	
		VAL WAS 10K.	
		200100506A (M)	
		SEE SHEET 1.	
		J. OLSON	



AUDIO OUTPUTS
SCHEMATIC DIAGRAM SHEET NO. 7

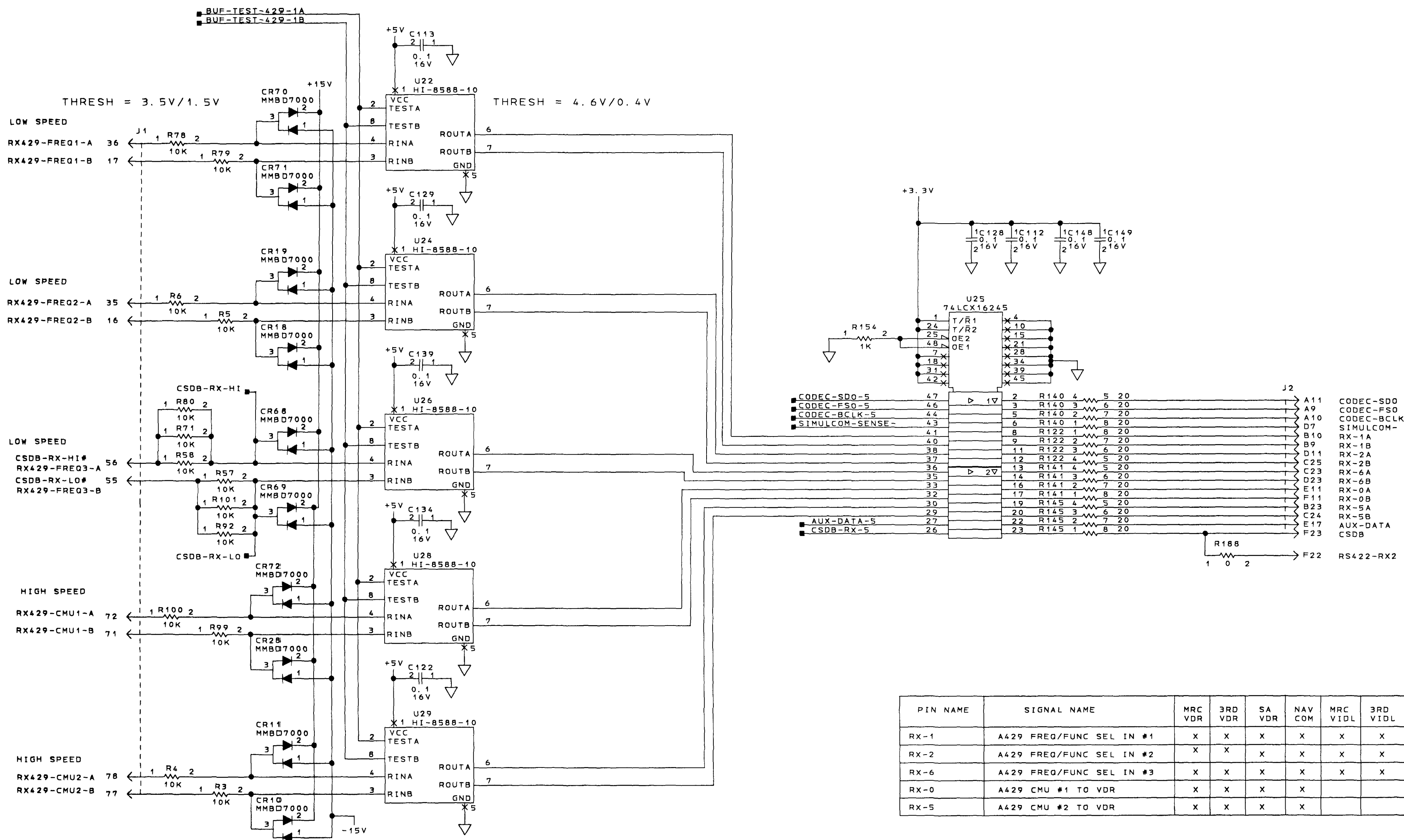
COMPUTER GENERATED

1-21-2002_6: 56 J. OLSON

Honeywell

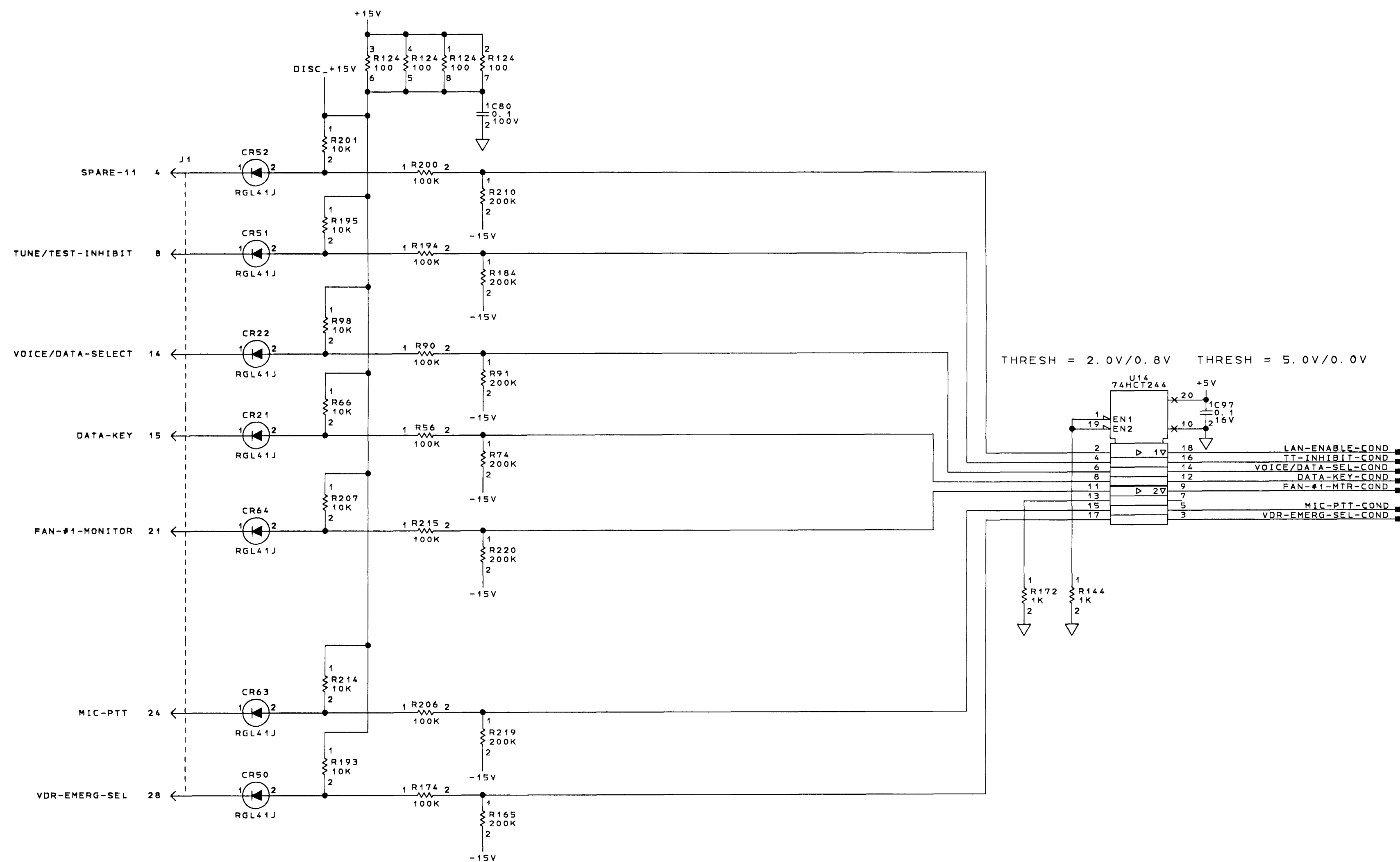
SEE FIRST SHEET FOR CONTRACT NUMBER,
USE OR DISCLOSURE OF INFORMATION ON
THIS SHEET IS SUBJECT TO THE RESTRICTIONS
ON THE FIRST SHEET OF THIS DOCUMENT.

SIZE/CAGE CODE
E 55939
DRAWING NO.
7026232-902
REV
XB
SHEET 10



ARINC 429 INPUTS
SCHEMATIC DIAGRAM SHEET NO. 8

COMPUTER GENERATED

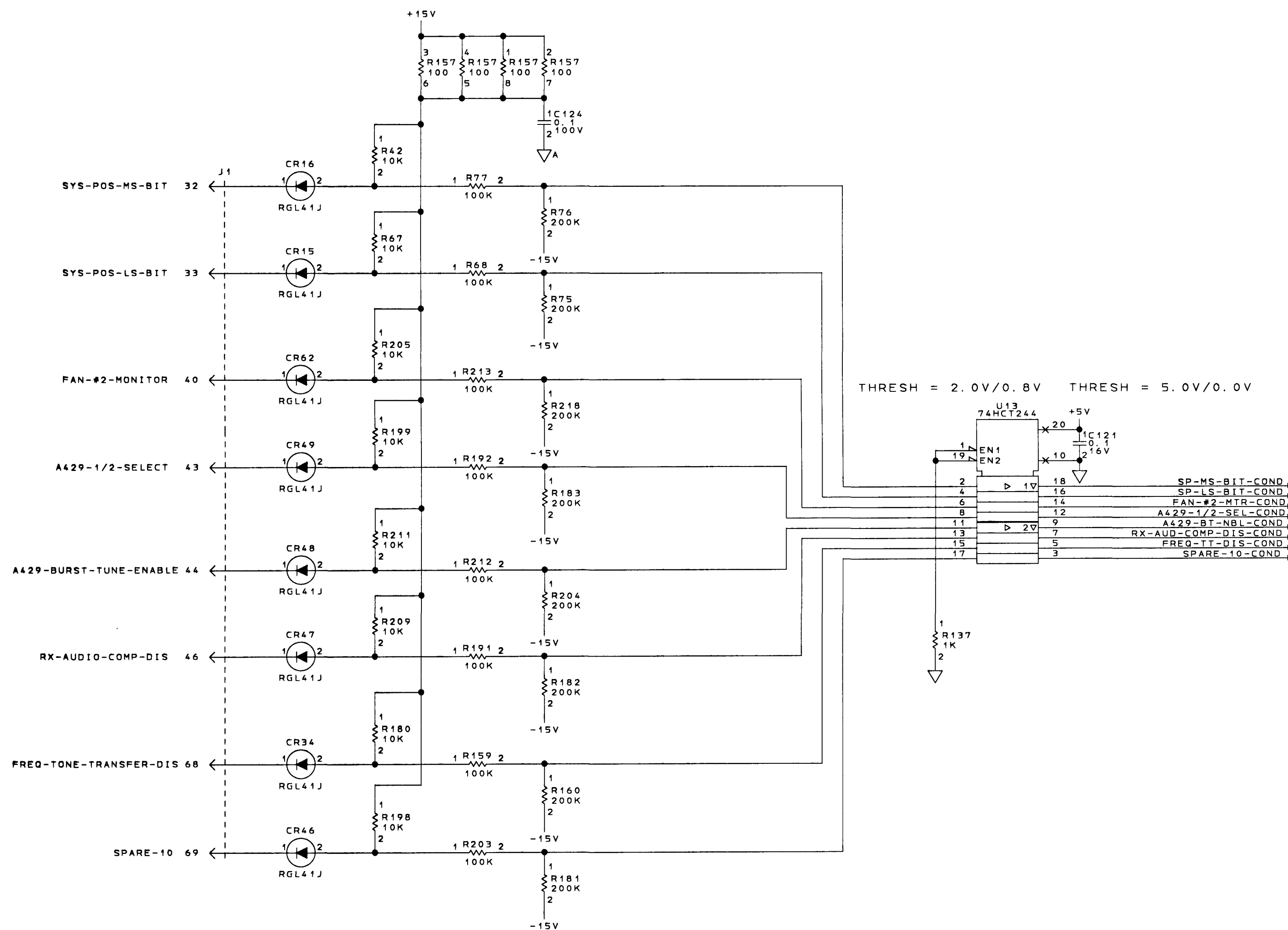


DISCRETE INPUTS
SCHEMATIC DIAGRAM SHEET NO. 11

COMPUTER GENERATED

1-17-2002_9: 46 J. OLSON

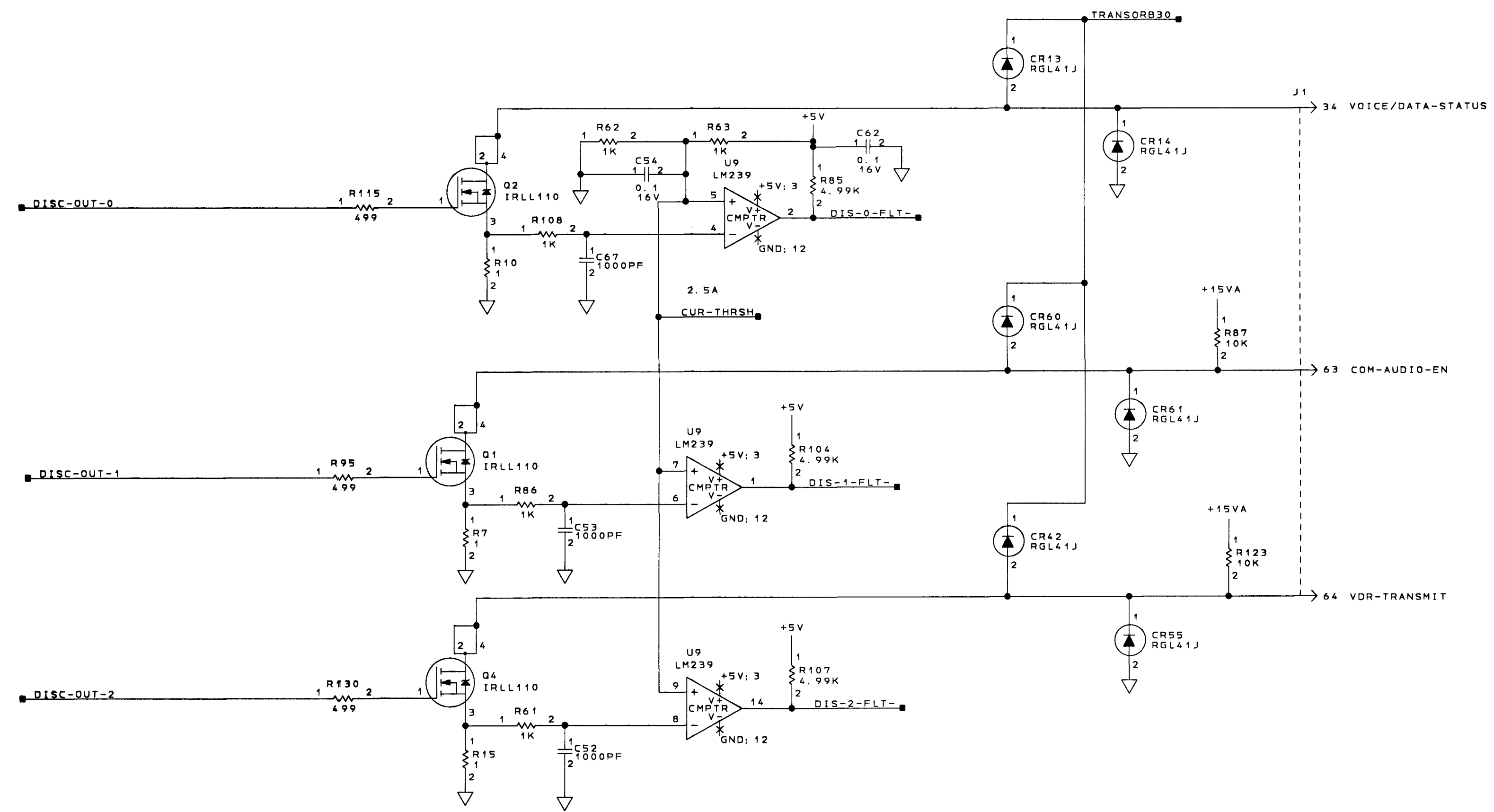
Honeywell	SEE FIRST SHEET FOR CONTRACT NUMBER. USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.	SIZE	E 55939	DRAWING NO.	7026232-902	REV	1A
		SCALE					SHEET 14



DISCRETE INPUTS
SCHEMATIC DIAGRAM SHEET NO. 12

COMPUTER GENERATED

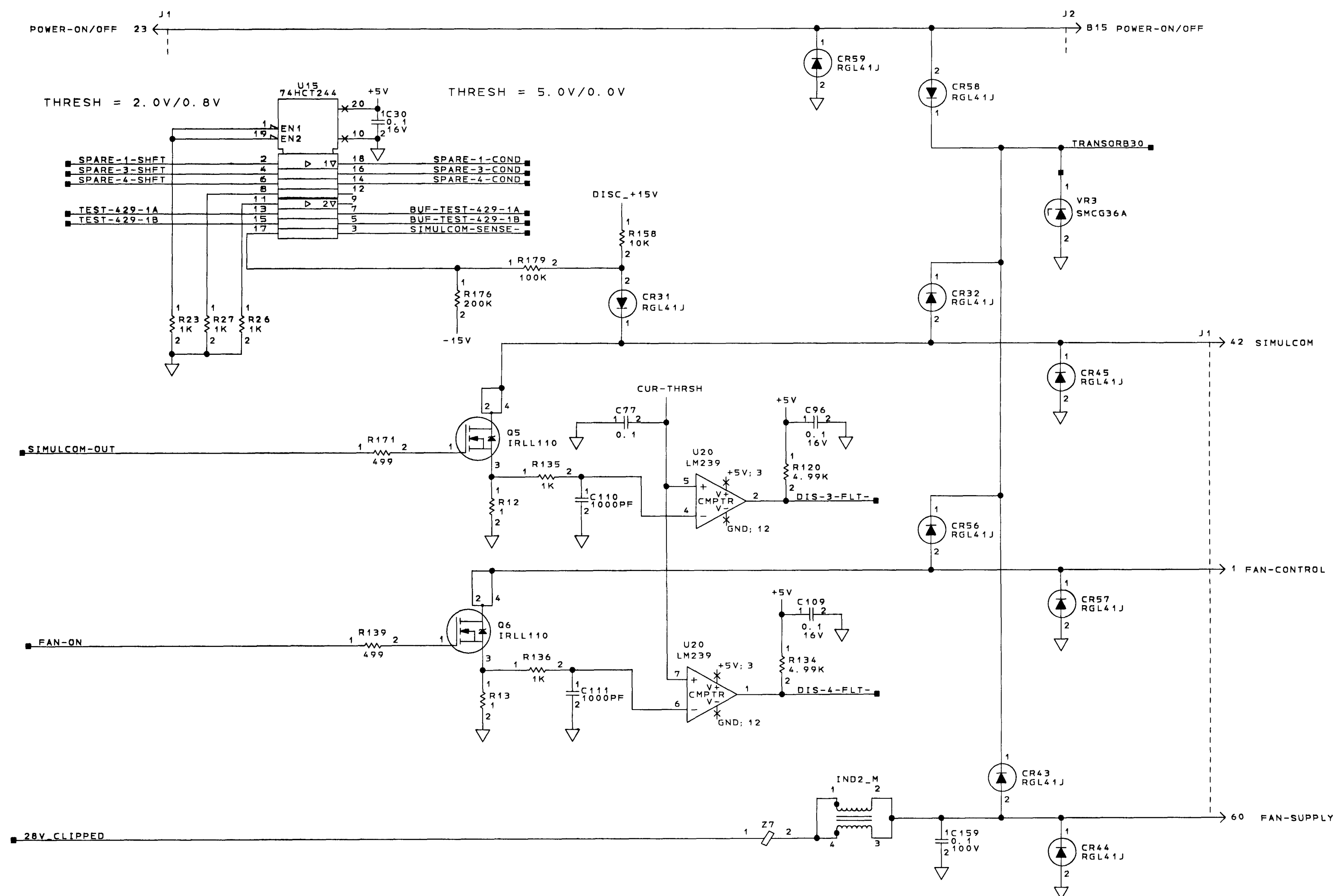
REVISIONS			
ZONE	REV	DESCRIPTION	DATE
			APPROVED



DISCRETE OUTPUTS
SCHEMATIC DIAGRAM SHEET NO. 13

COMPUTER GENERATED

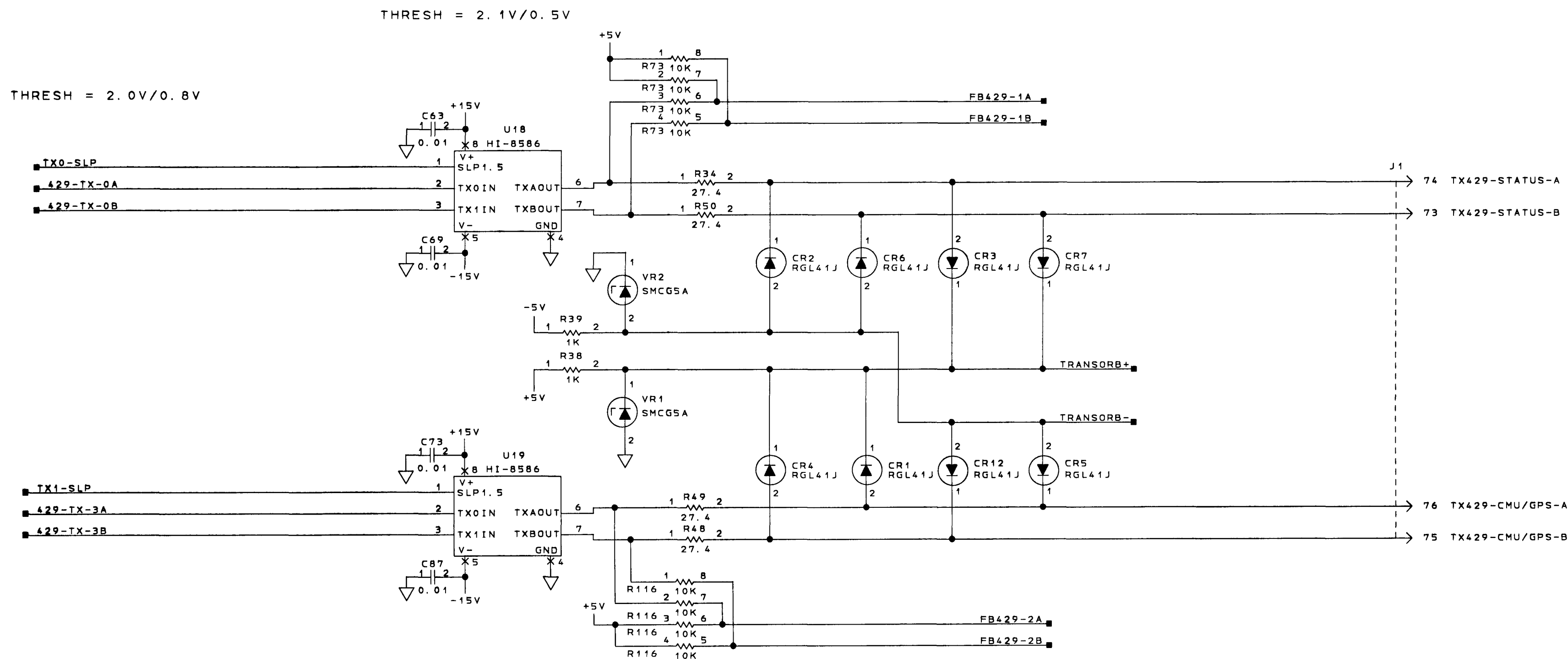
1-17-2002 9:46	J. OLSON	SIZE	E 55939	CODE	7026232-902	REV	XA
Honeywell		SEE FIRST SHEET FOR CONTRACT NUMBER. USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.		SCALE		SHEET 16	



DISCRETE INPUTS AND INOUT'S
SCHEMATIC DIAGRAM SHEET NO. 14

COMPUTER GENERATED

1-17-2002_9: 46		J. OLSON		SIZE		CAGE CODE		DRAWING NO.		REV	
Honeywell		SEE FIRST SHEET FOR CONTRACT NUMBER. USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.		E		55939		7026232-902		X	
				SCALE —				SHEET 17			



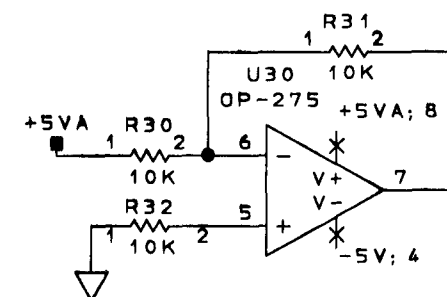
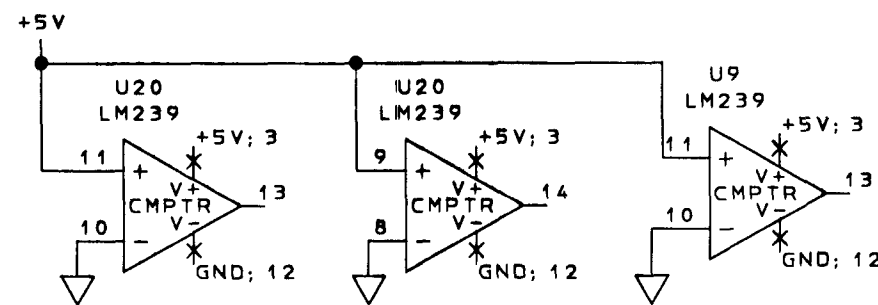
PIN NAME	SIGNAL NAME	MRC VDR	3RD VDR	SA VDR	NAV COM	MRC VIDL	3RD VIDL
TX-0	A429 NAVCOM OUT	X	X	X	X	X	X
TX-1	A429 VDR TO CMU OUT	X	X	X	X	X	X
	A429 VDB TO GPS OUT				X	X	X

ARINC 429 OUTPUTS
SCHEMATIC DIAGRAM SHEET NO. 15

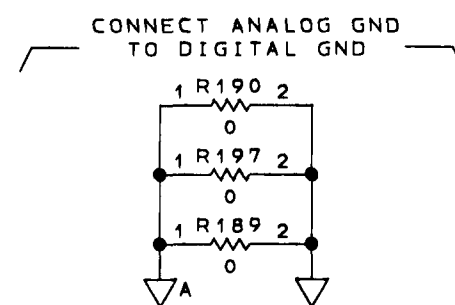
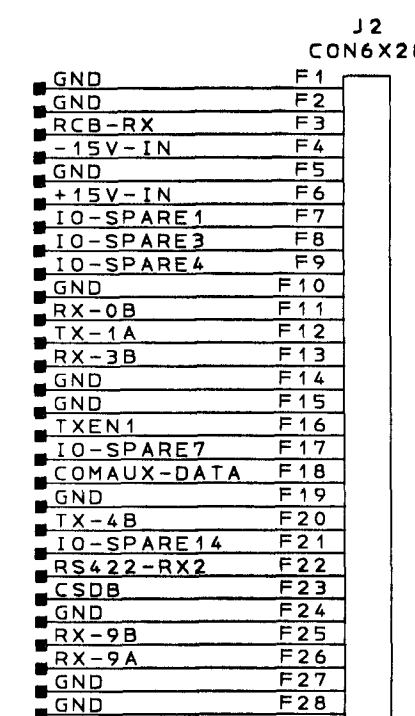
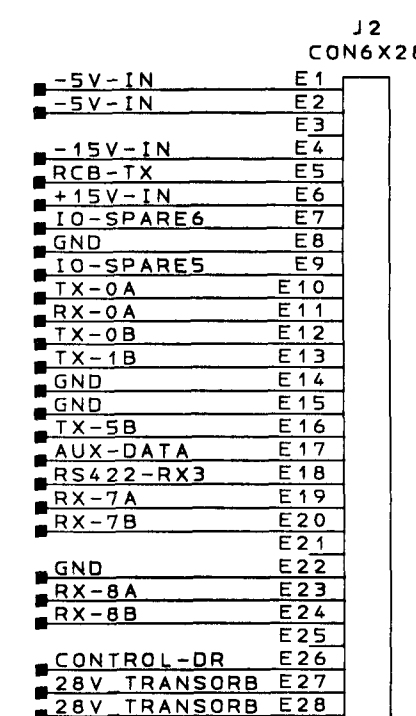
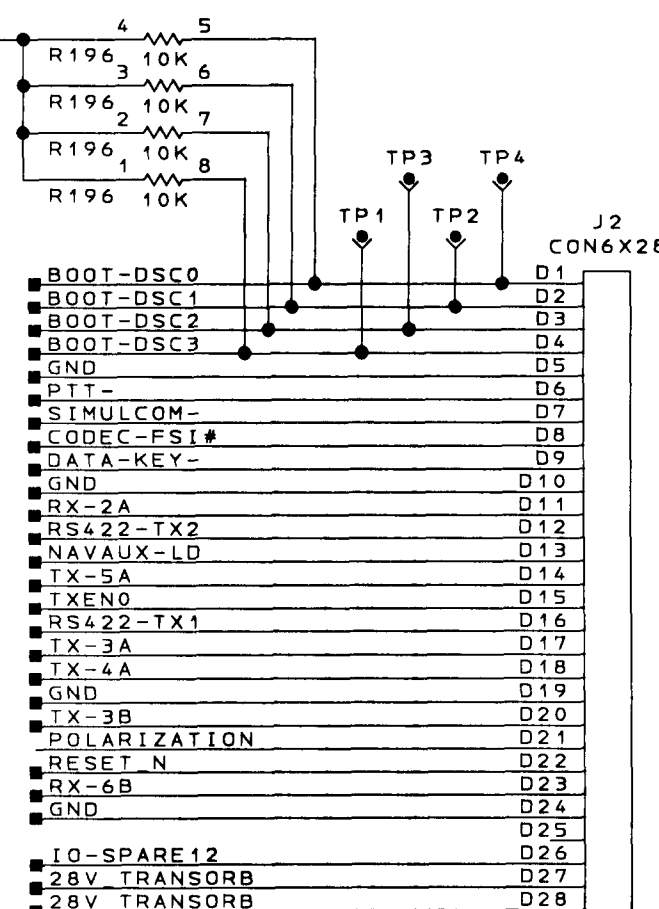
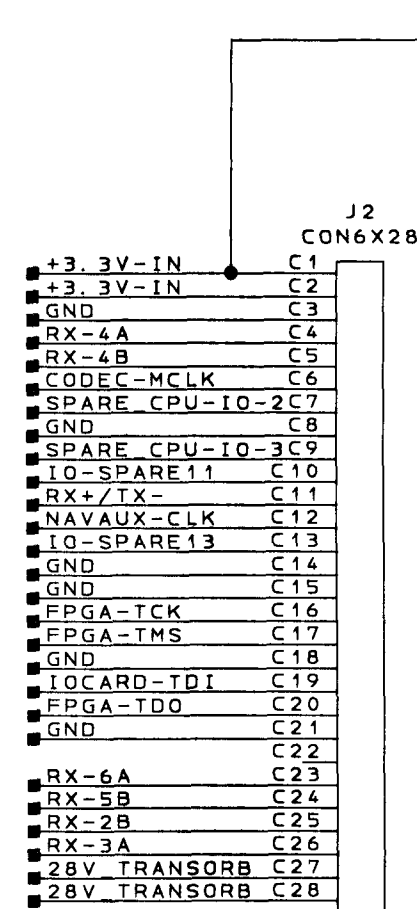
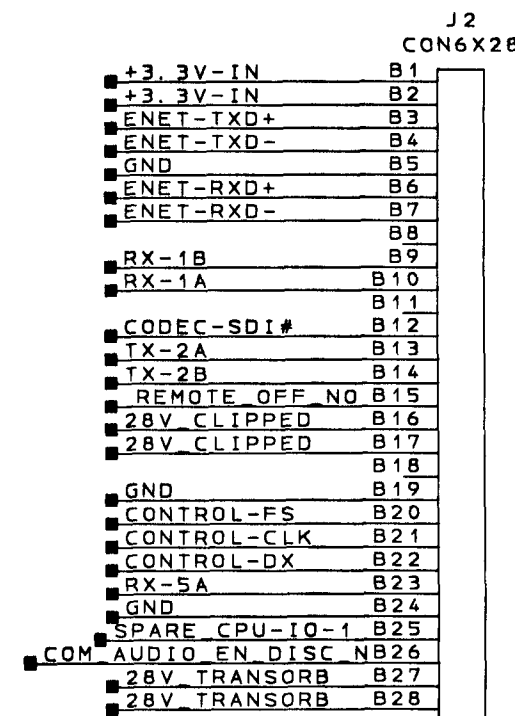
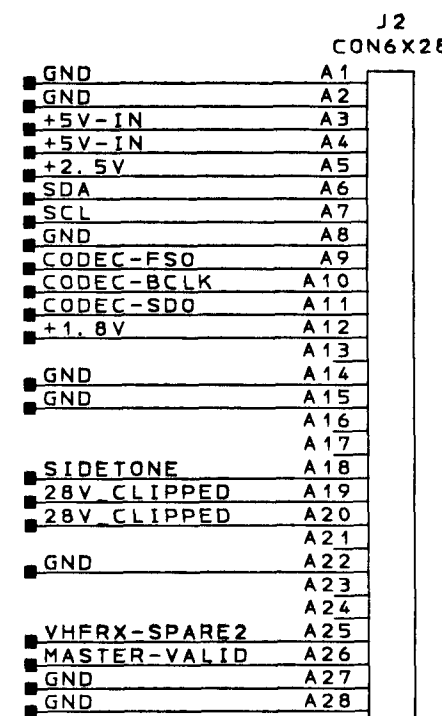
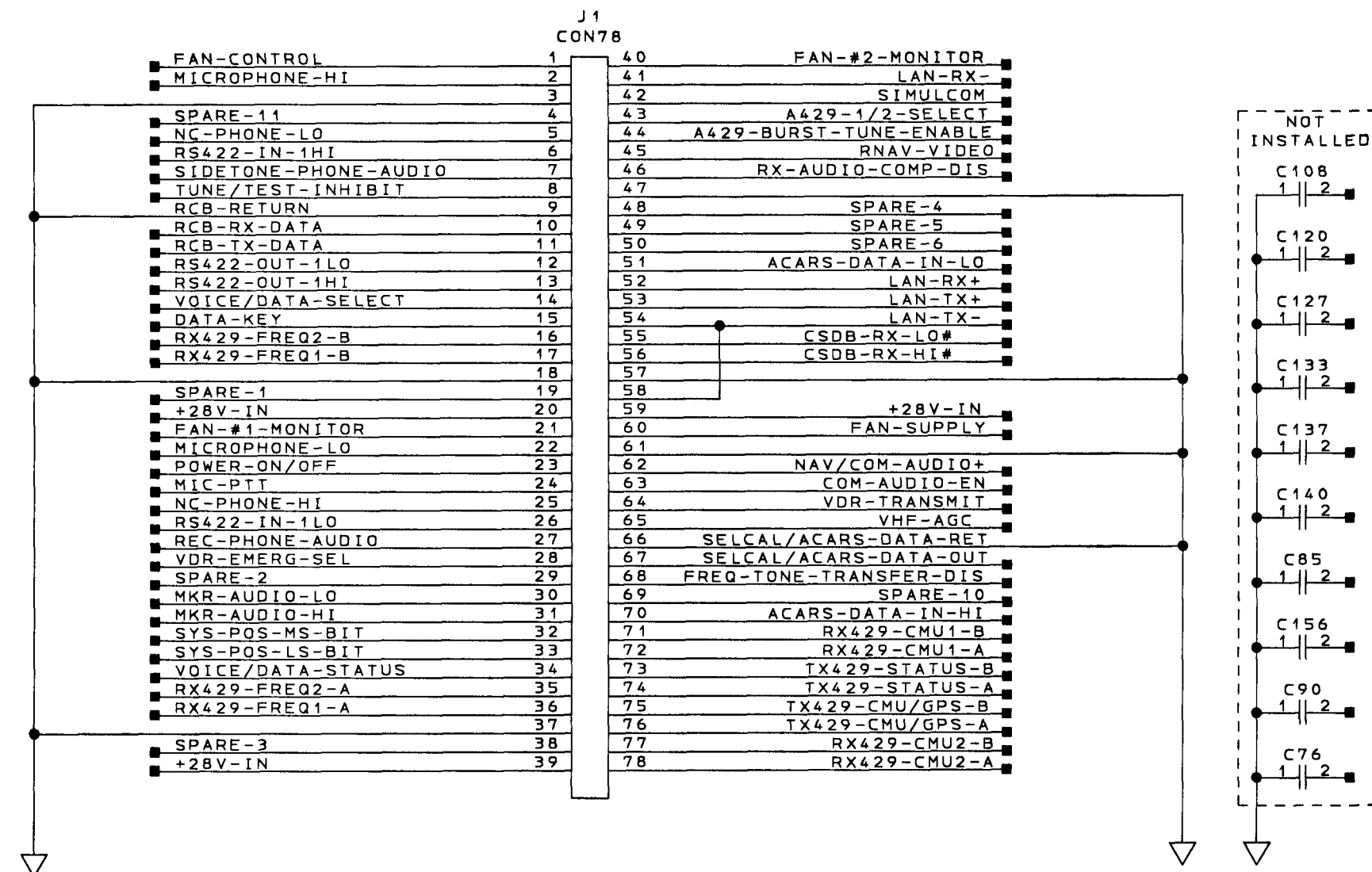
COMPUTER GENERATED

1-17-2002_9:46 J. OLSON

Honeywell	SEE FIRST SHEET FOR CONTRACT NUMBER, USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.	SIZE	CAGE CODE	DRAWING NO.	REV
		E	55939	7026232-902	XA

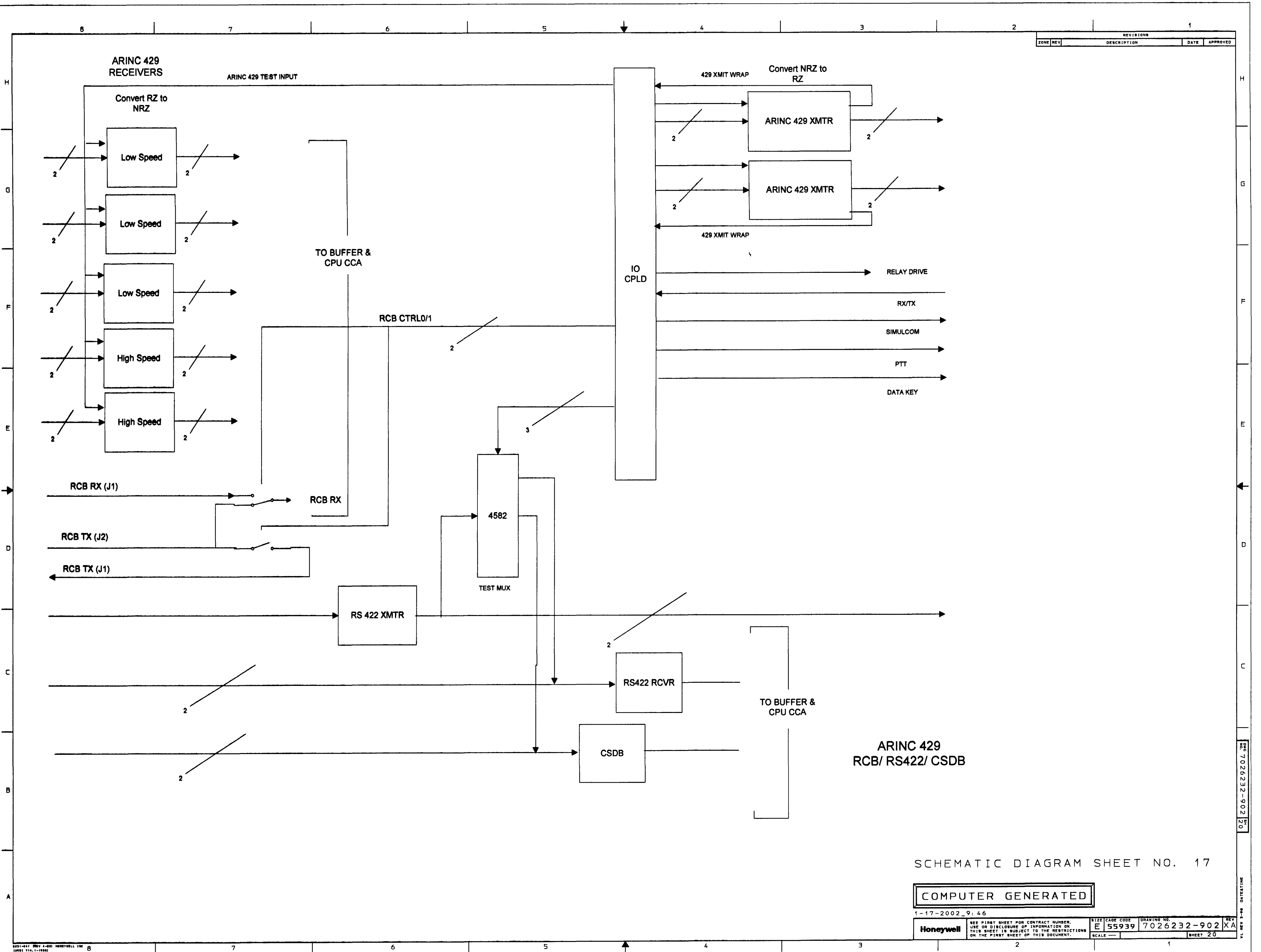


SPARES



CONNECTORS PIN SUMMARY
AND SPARE COMPONENTS
CAD REQUIREMENT/REFERENCE
SCHEMATIC DIAGRAM SHEET NO. 16

COMPUTER GENERATED



SCHEMATIC DIAGRAM SHEET NO. 17

COMPUTER GENERATED

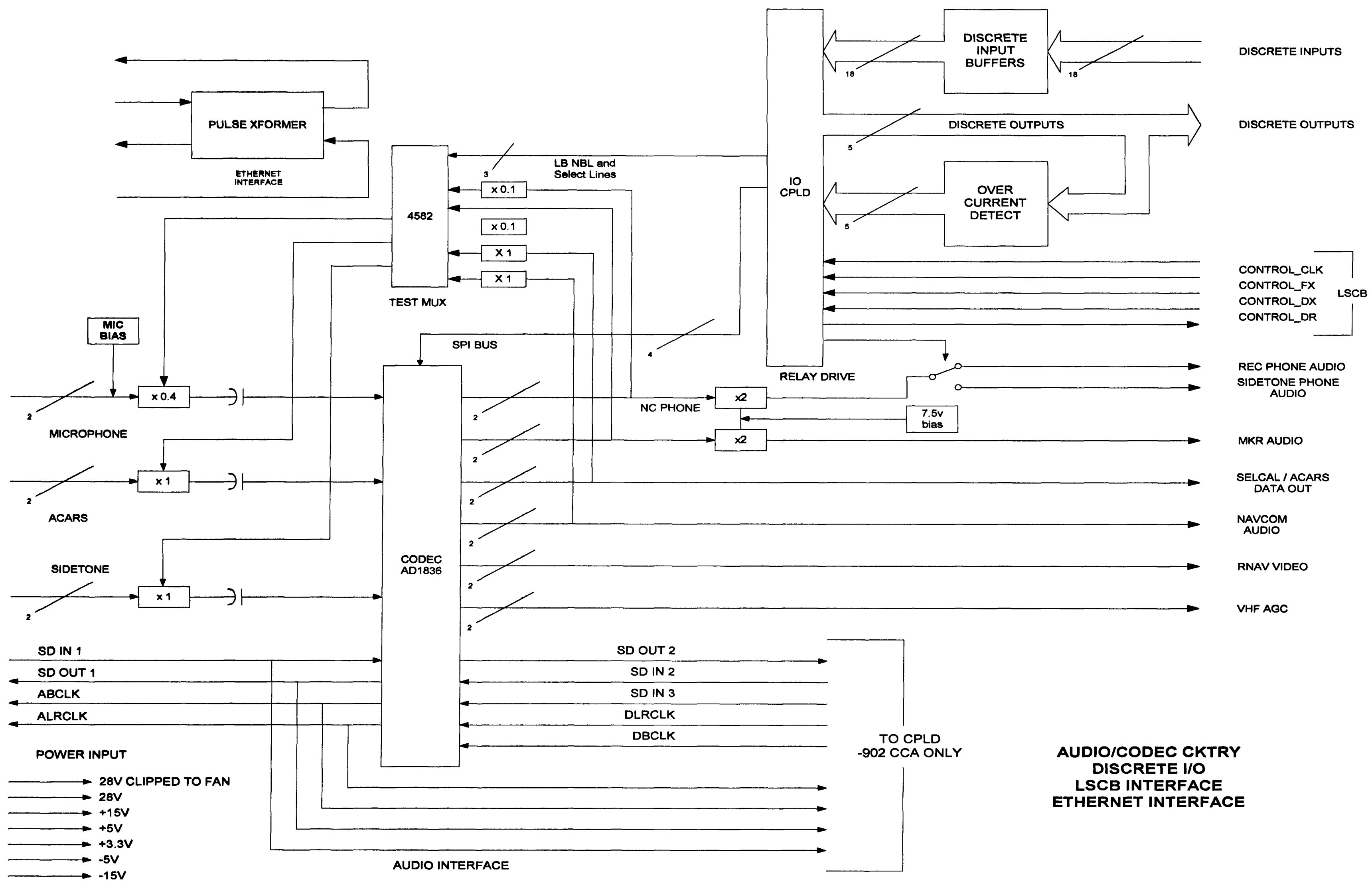
1-17-2002_9:46

Honeywell

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ON THE FIRST SHEET OF THIS DOCUMENT.

SIZE	E	CAGE CODE	55939	DRAWING NO.	7026232-902	REV	XA
SCALE						SHEET 20	

REVISIONS			
ZONE	REV	DESCRIPTION	DATE



**AUDIO/CODEC CKTRY
DISCRETE I/O
LSCB INTERFACE
ETHERNET INTERFACE**

SCHEMATIC DIAGRAM SHEET NO. 18

COMPUTER GENERATED

1-17-2002_9: 46	SEE FIRST SHEET FOR CONTRACT NUMBER, USE OR DISCLOSURE OF INFORMATION ON THIS SHEET IS SUBJECT TO THE RESTRICTIONS ON THE FIRST SHEET OF THIS DOCUMENT.	SIZE: E 55939	DRAWING NO. 7026232-902	REV XA
Honeywell	SCALE		SHEET 21	