

8

7

6

5

4

3

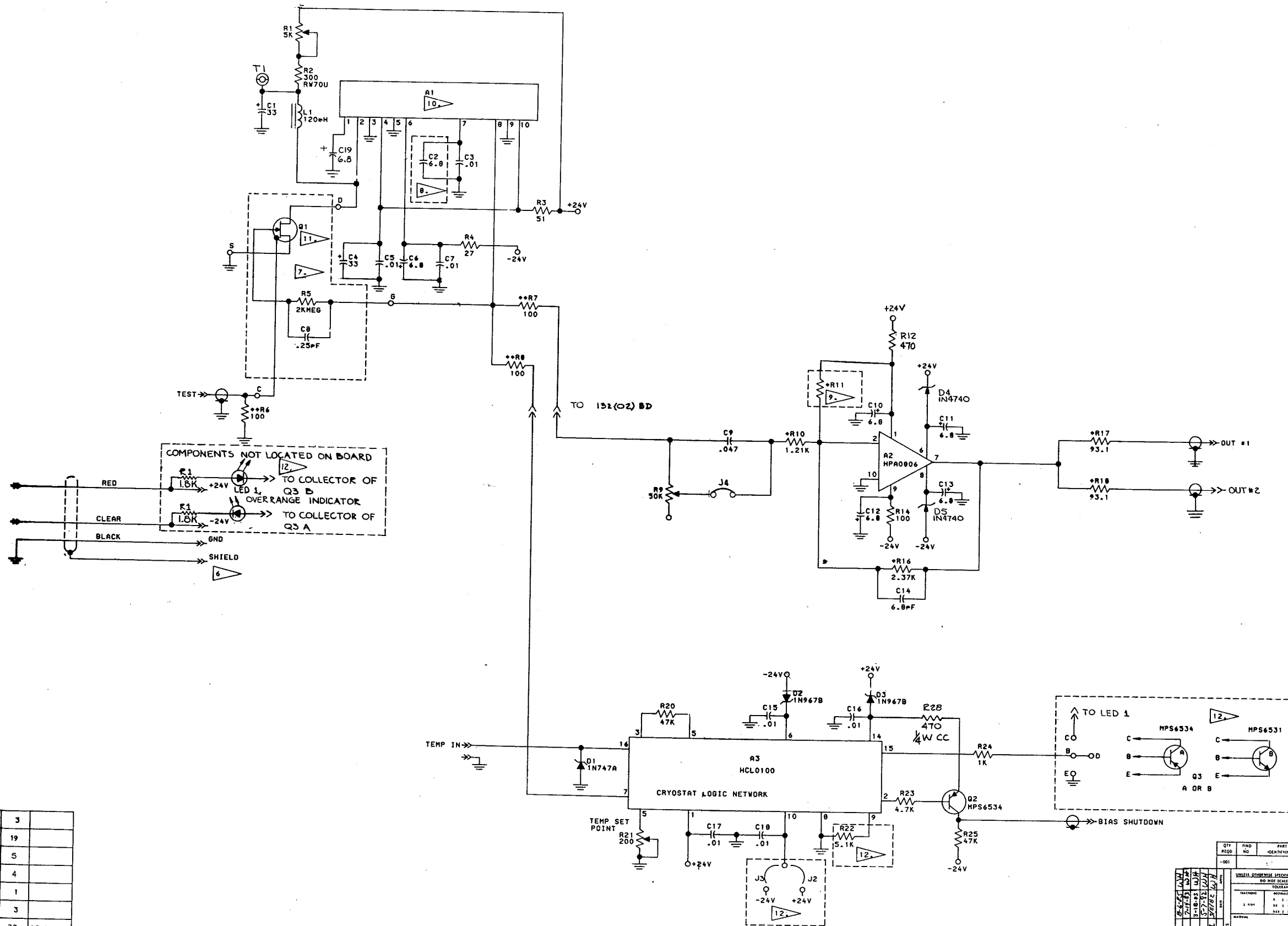
2

1

- NOTES UNLESS OTHERWISE SPECIFIED
1. ALL RESISTOR VALUES ARE IN OHMS.
 2. ALL RESISTORS ARE 1/8W CC.
 3. RESISTORS MARKED * ARE 1/8W MF.
 4. RESISTORS MARKED ** ARE 1/8W HF T-16 50ppm/°C.
 5. ALL CAPACITOR VALUES ARE IN MICROFARADS.
 6. SHIELD CONNECTED TO PIN 2 AT POWER CONNECTOR ONLY.
 7. COMPONENTS LOCATED IN DETECTOR CYROSTAT.
 8. + TO GND FOR CP2-Z
 9. - TO GND FOR CN2-Z
 10. FOR CP2-Z TYPE 93.1K
 11. FOR CN2-Z TYPE 56.2K
 12. HPA0306 FOR CP2-Z
 13. HPA0706 FOR CN2-Z
 14. SELECTED FET.

12. A.P./TYPE COAX ON BOARD OVERRANGE
INSTALL J3
INSTALL Q3B, MPS6531
CONNECT P LED TO +24V & INSTALL
R1 1.8K IN SERIES WITH LED1.
- B.N./TYPE COAX ON BOARD OVERRANGE
INSTALL J2
INSTALL R22, 5.1K, BETWEEN PINS
8&9 OF A3, HCL0100
INSTALL Q3A, MPS6534
CONNECT N LED TO -24V & INSTALL
R1 1.8K IN SERIES WITH LED1.
- C. Z1 AND LED1 ARE PART OF 137CNE-B-C1
CABLE ASSY.

R	3	
C	19	
D	5	
J	4	
L	1	
Q	3	
R	20	19,13,15,21
TP	1	
REF	LAST#	NOT USED
DES	USED	



QTY	FIND	PART OR	DESCRIPTION	REMARKS
REQD	NO	IDENTIFYING NUMBER		
PARTS LIST				
UNLESS OTHERWISE SPECIFIED, DIMENSIONS IN INCHES DO NOT SCALE THE DRAWING				
TOLERANCES ARE				
FINISH	FINISH	FINISH	FINISH	FINISH
1. 1/16"	1. 1/16"	1. 1/16"	1. 1/16"	1. 1/16"
2. 1/32"	2. 1/32"	2. 1/32"	2. 1/32"	2. 1/32"
3. 1/64"	3. 1/64"	3. 1/64"	3. 1/64"	3. 1/64"
4. 1/128"	4. 1/128"	4. 1/128"	4. 1/128"	4. 1/128"
5. 1/256"	5. 1/256"	5. 1/256"	5. 1/256"	5. 1/256"
6. 1/512"	6. 1/512"	6. 1/512"	6. 1/512"	6. 1/512"
7. 1/1024"	7. 1/1024"	7. 1/1024"	7. 1/1024"	7. 1/1024"
8. 1/2048"	8. 1/2048"	8. 1/2048"	8. 1/2048"	8. 1/2048"
9. 1/4096"	9. 1/4096"	9. 1/4096"	9. 1/4096"	9. 1/4096"
10. 1/8192"	10. 1/8192"	10. 1/8192"	10. 1/8192"	10. 1/8192"
100 MIDLAND ROAD, OAK RIDGE, TENNESSEE-37830				
MODEL 137 CN2-Z/CP2-Z				
DIAG. SCHEM. PREAMP				
475250				
635010				
DATE 10/20/81				
SHEET 1 OF 1				