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Additional patents pending.

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4/21/98

REVISION HISTORY				
SCH REV	PCB REV	ECO NO.	DATE	COMMENT
1.0	1.0		7/17/97	PRODUCTION RELEASE
1.1	1.1		9/24/97	ECN
1.2	1.2		12-5-97	F1 AND F3 CHANGE
1.3	1.3	7559	1-8-98	CHANGED R141,BC20,BC21,C27,C41,C91
1.3.1	1.3		1-22-98	CHANGED R132 FROM 20K TO 4.7K
1.3.3	1.3	7698	3-3-98	SEE ECN FOR CHANGES

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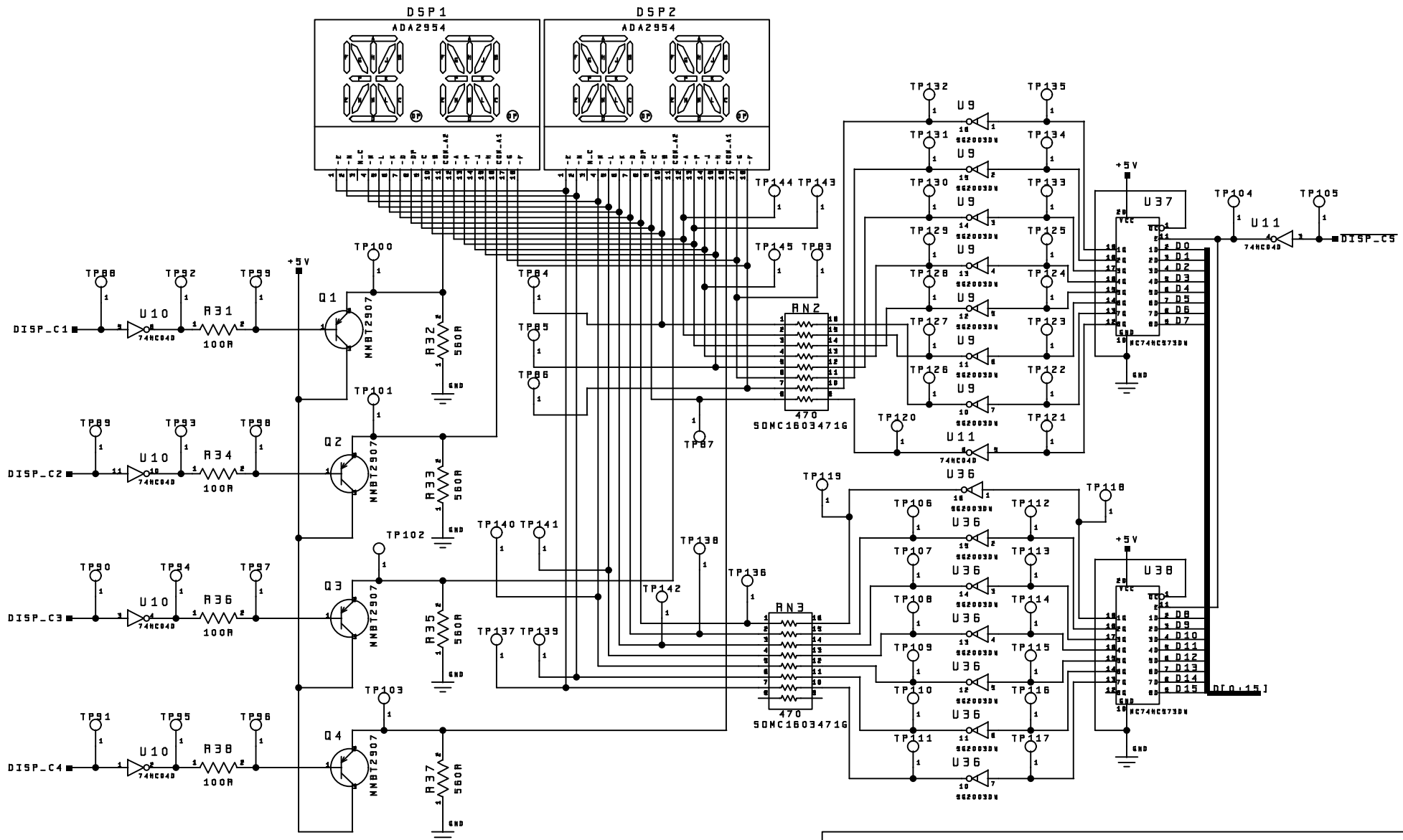
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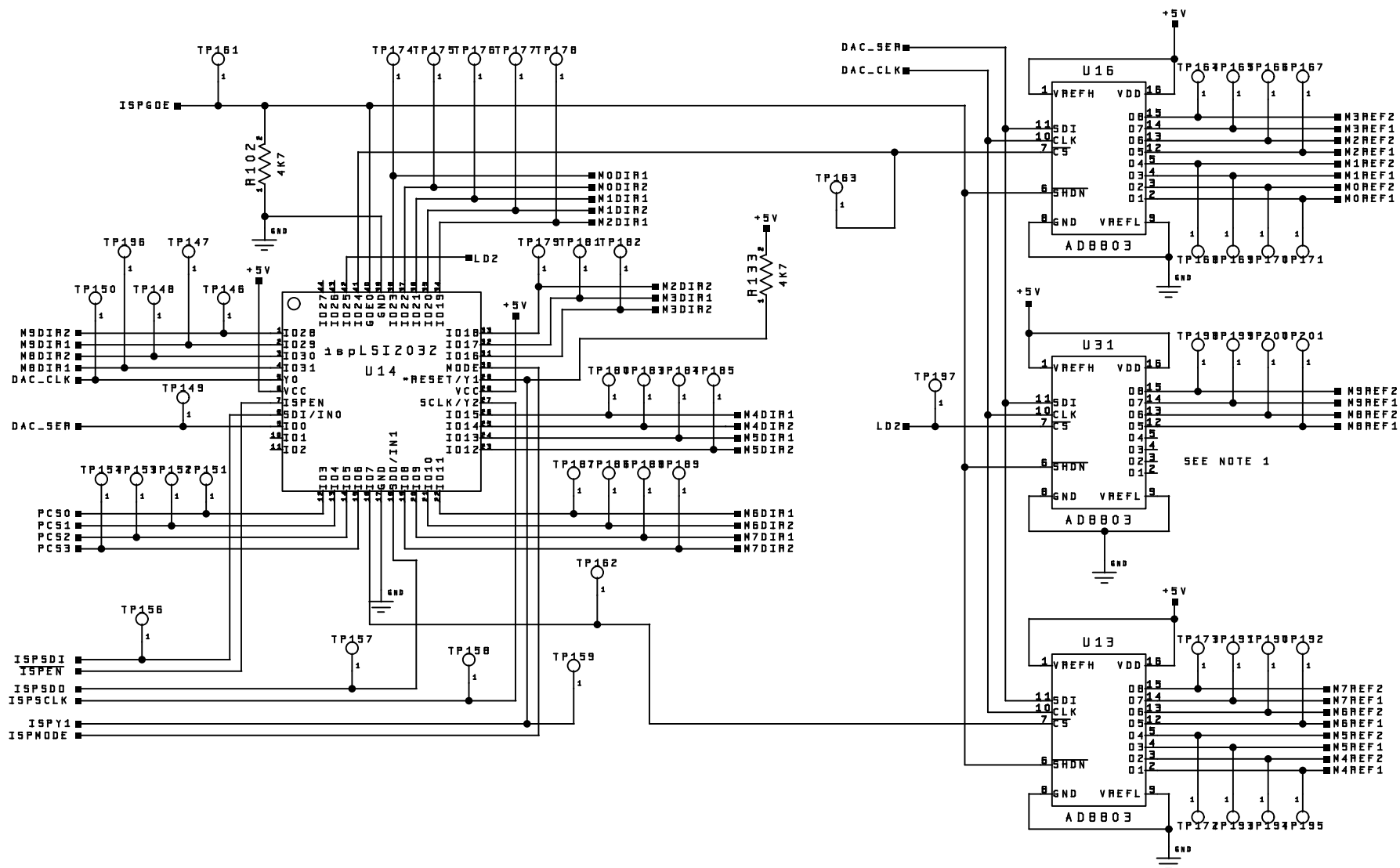
UNLESS OTHERWISE SPECIFIED:

1. ALL RESISTOR VALUES ARE IN OHMS
2. ALL RESISTORS ARE 1/8 WATT 5% OR BETTER
3. CAPACITOR VALUES ARE IN PICO FARADS
4. ALL NON POLARIZED CAPACITORS ARE 50V OR BETTER
VALUES BELOW 470pF ARE NPO/COG TYPE 5%
VALUES 470pF TO 1000pF ARE X7R 10%
VALUES ABOVE 1000pF ARE Z5U +/- 20 %
5. ALL POLARIZED CAPACITORS ARE 20% OR BETTER
6. ALL DIODES ARE 1N4148.

HIGH END SYSTEMS INC.			
Title:		TECHNOBEAM	
Function:		COVER SHEET 79133	
Drawing No.	REV.	Designed:	
SCH-99030079	1.3.3	TOM GRIMES	
Drawn:		Approved:	
DRAWER			
Date	Size	Page	of
3-4-1998-11-31	A2	1	11







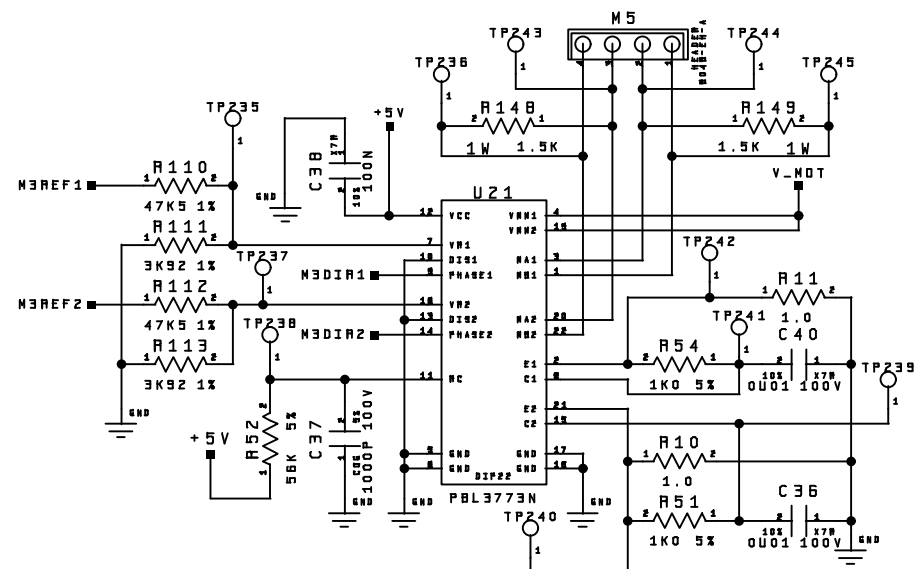
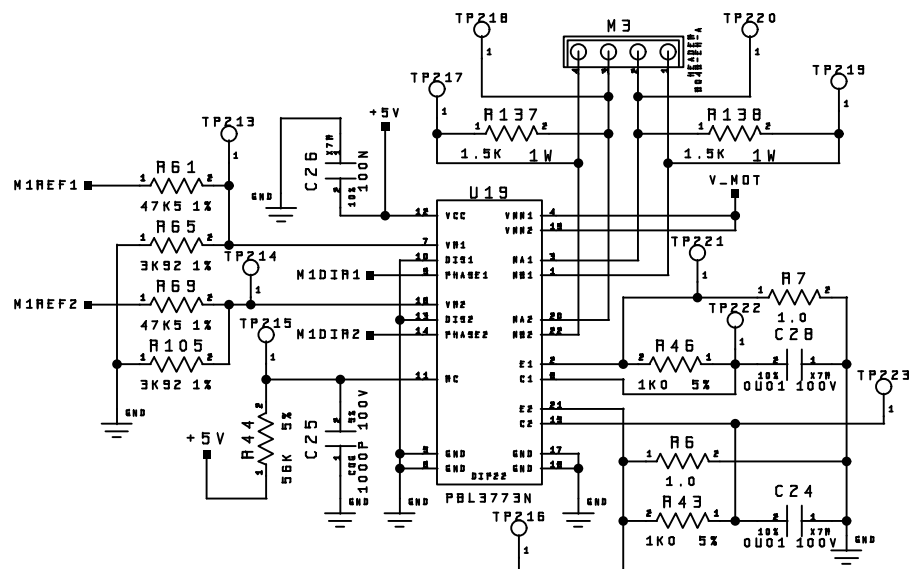
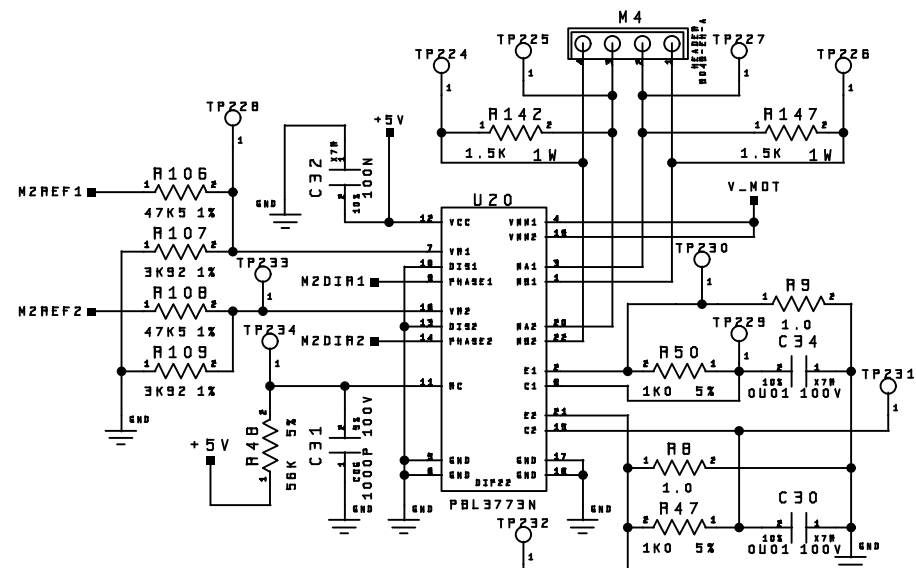
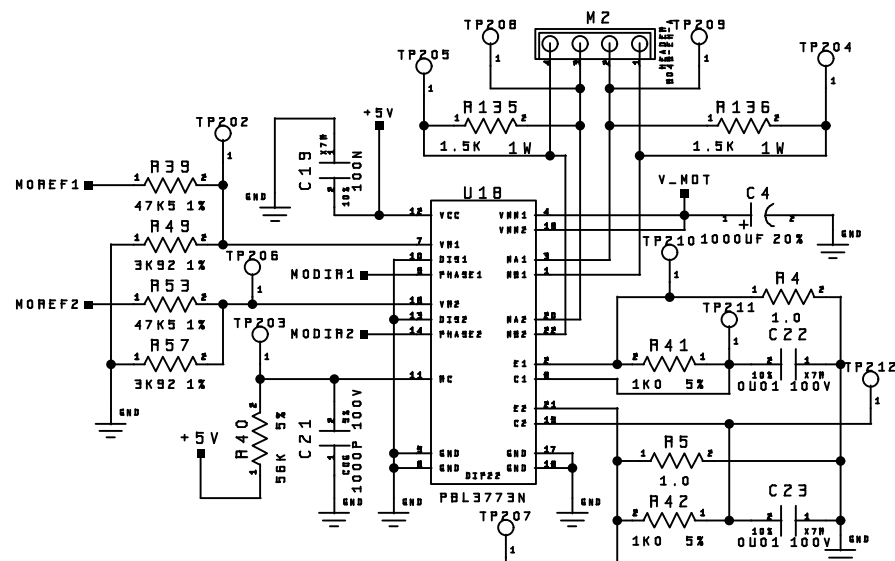
HIGH END SYSTEMS INC.

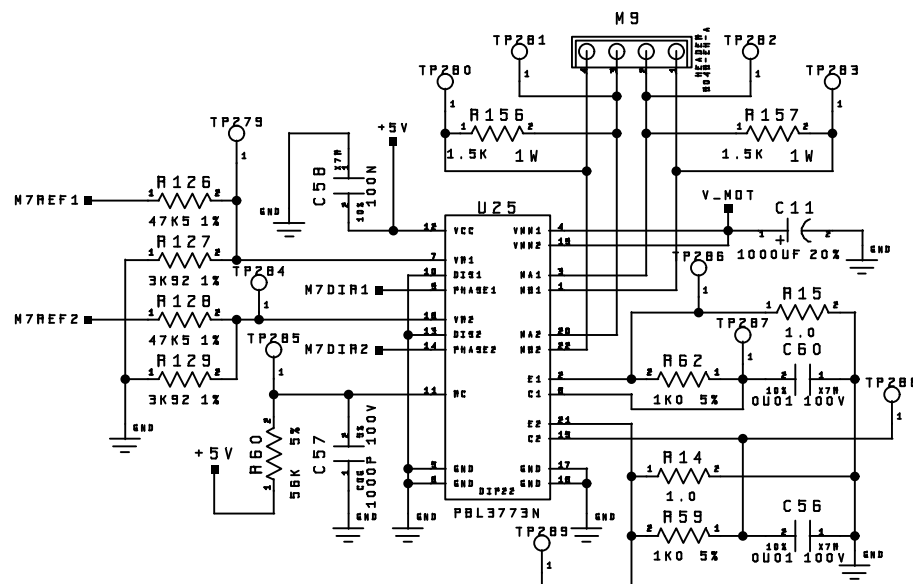
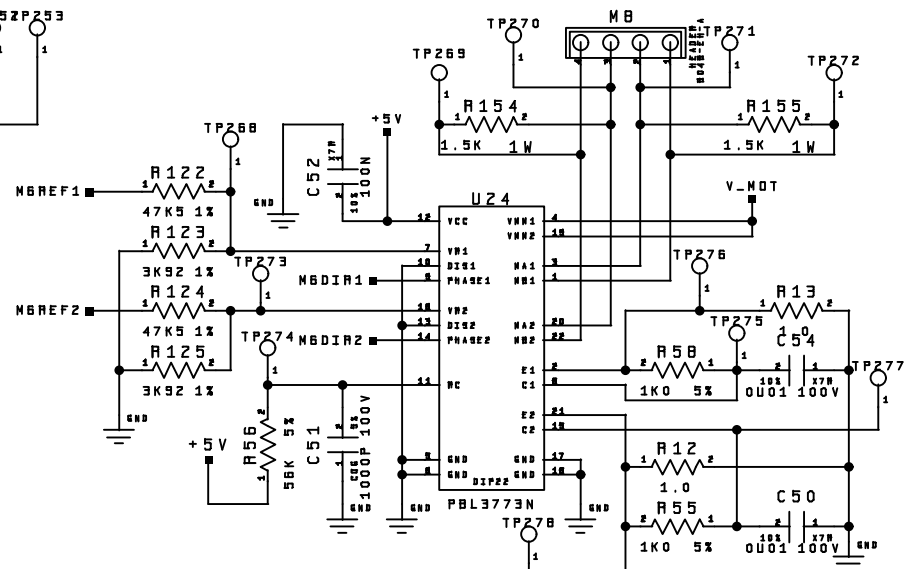
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MOTOR CONTROL



Function: VOLTAGE REFERENCE AND DIRECTION CONTROL

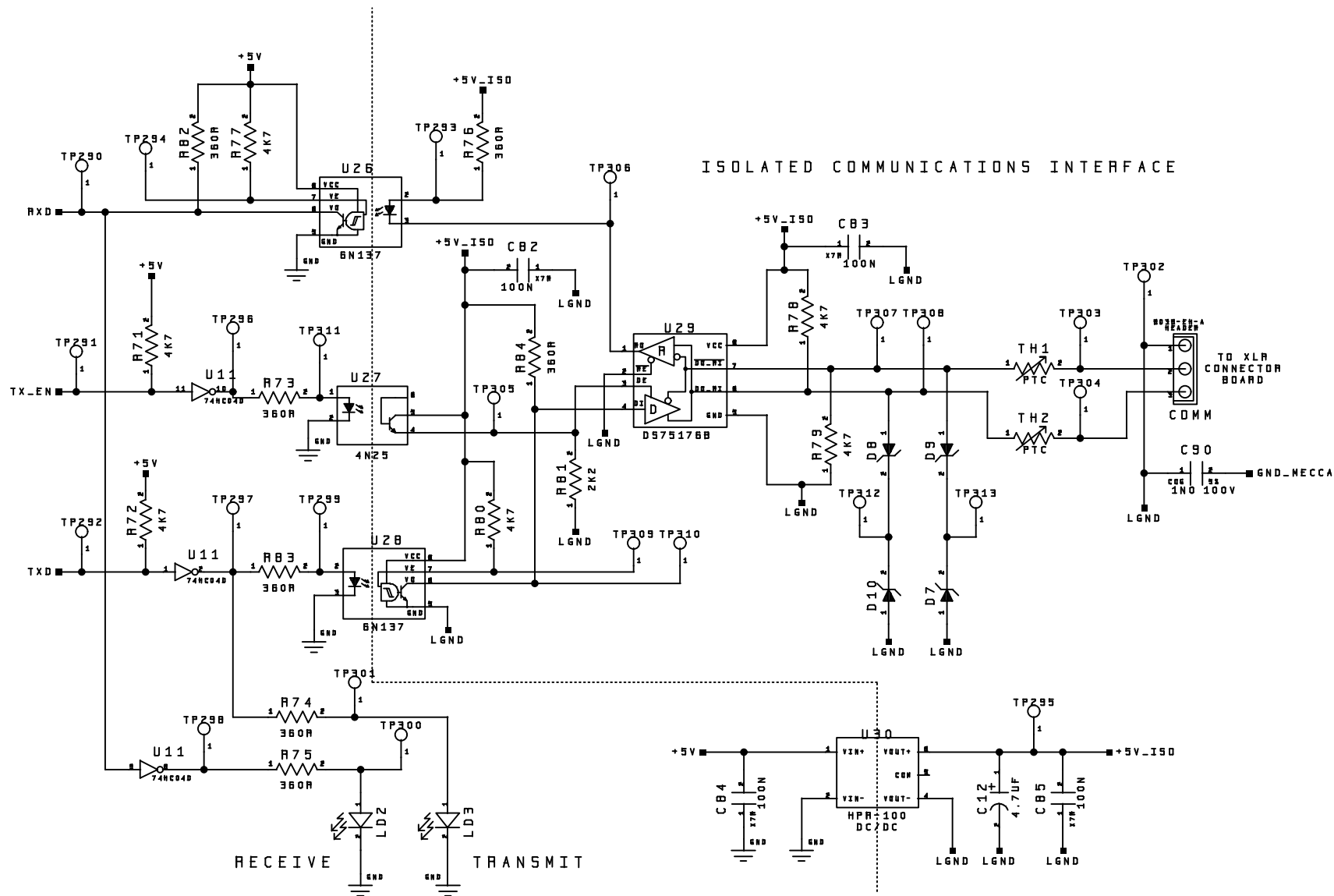
Drawing No.	REV.	Size	Date
SCH-99030079	1.3.3	B	12/7/96
Page 5 of 11			

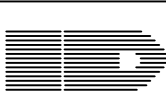


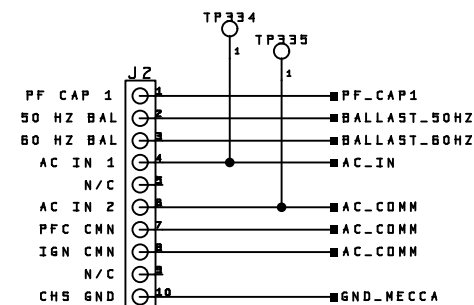
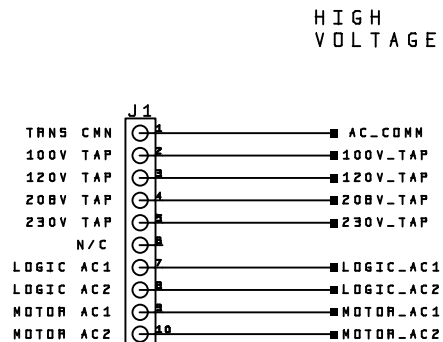


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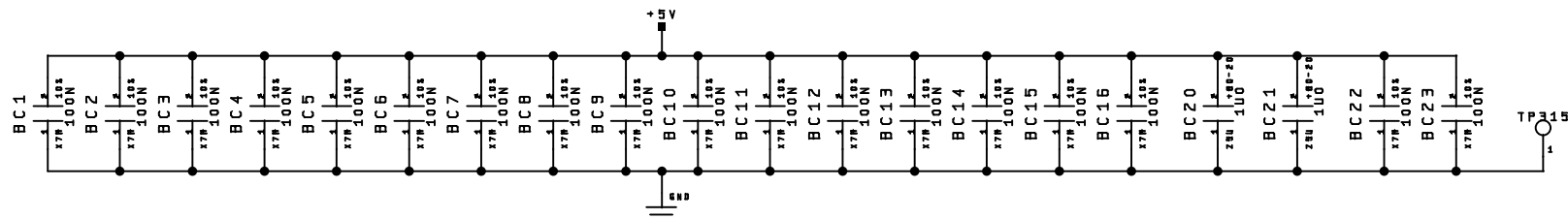
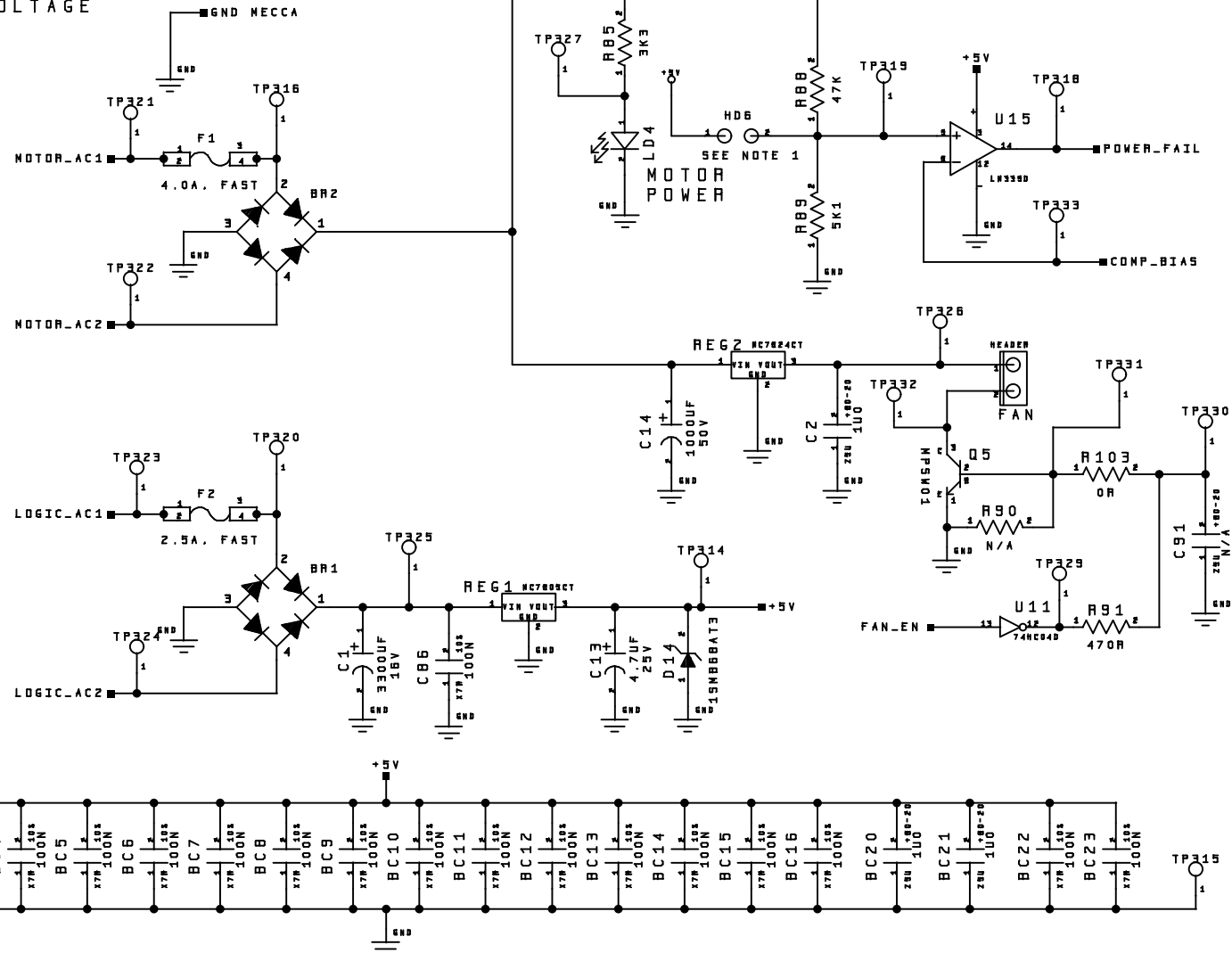




HIGH END SYSTEMS INC.				
Title: technobeam ISOLATED POWER AND COMMUNICATION				
Function: TALK TO THE WORLD				
Drawing No. SCH-99030079	REV. 1.3.3	Size B	Date 12/7/96	
			Page 8	of 11

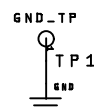


LOW VOLTAGE



NOTES:

1. HD6 TO BE USED FOR QC AND TROUBLESHOOTING PURPOSES ONLY. IN NORMAL OPERATION NO JUMPER IS TO BE INSTALLED AT HD6.
2. DO NOT STUFF R90 AND C91.



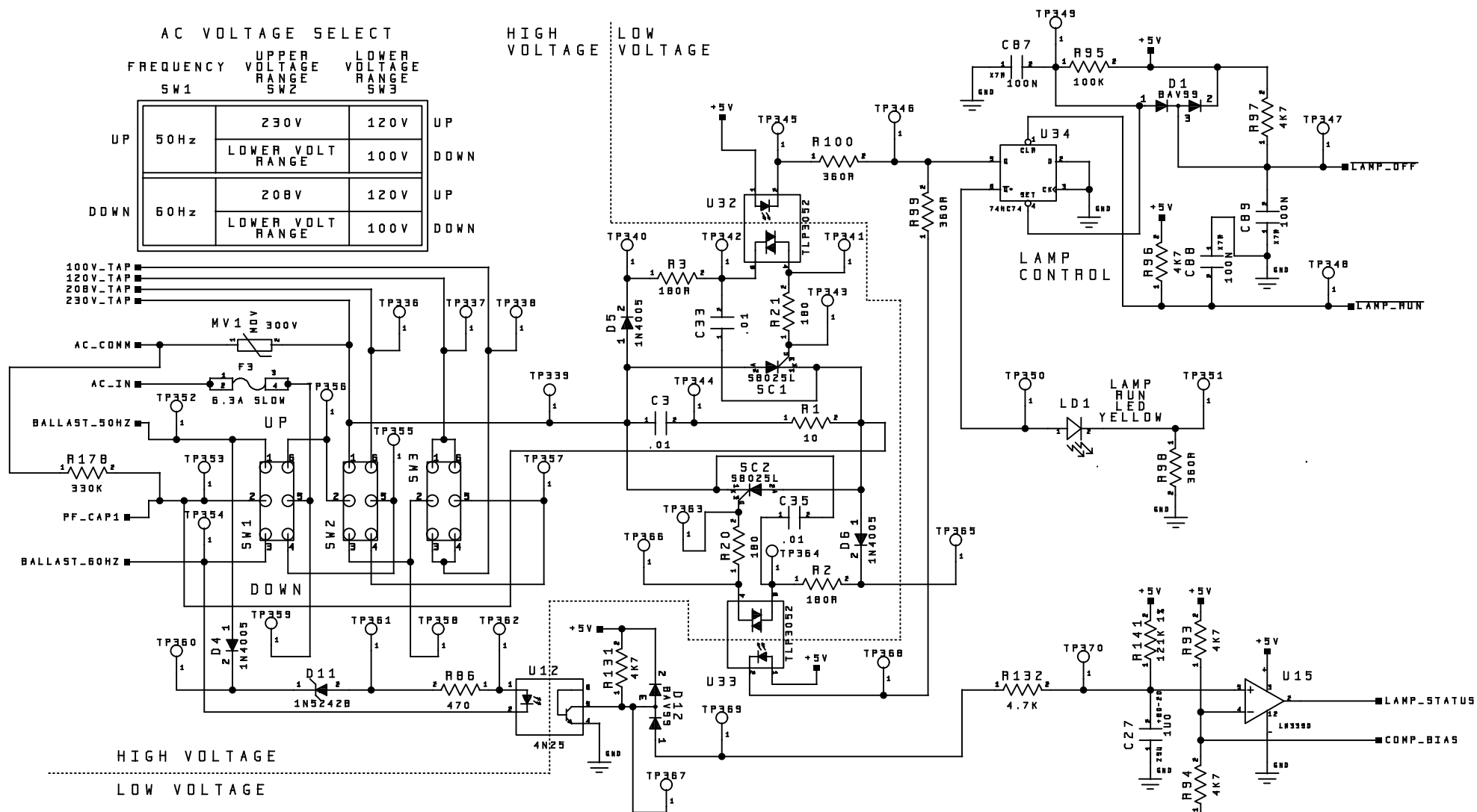
HIGH END SYSTEMS INC.

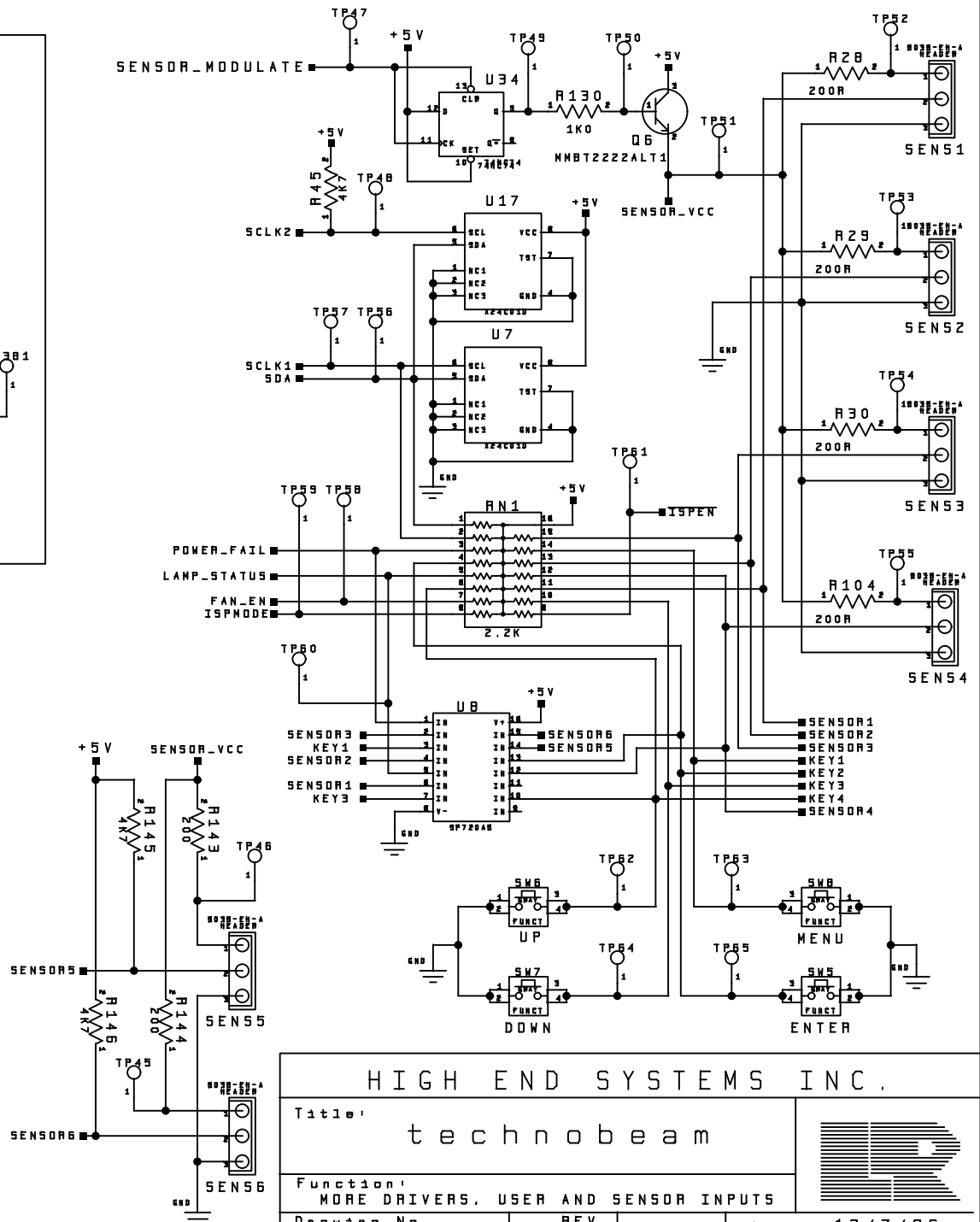
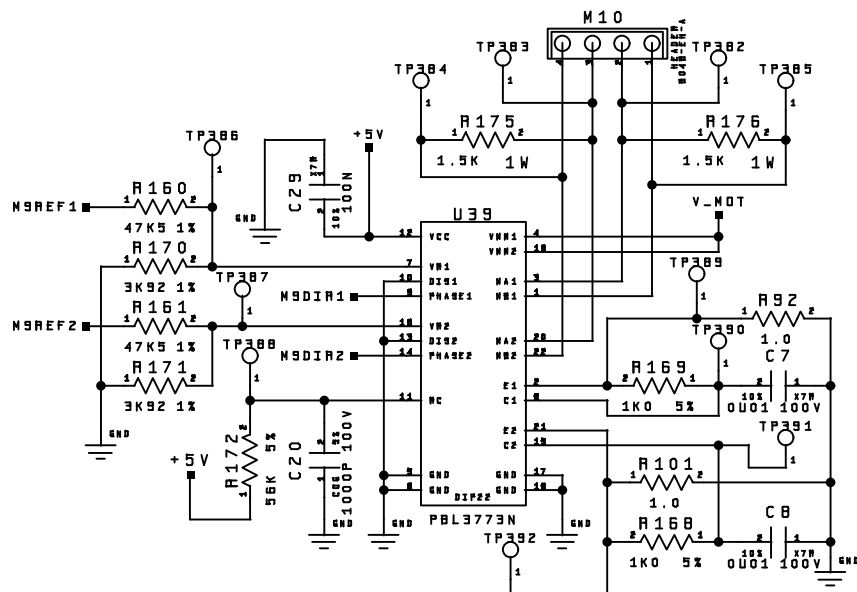
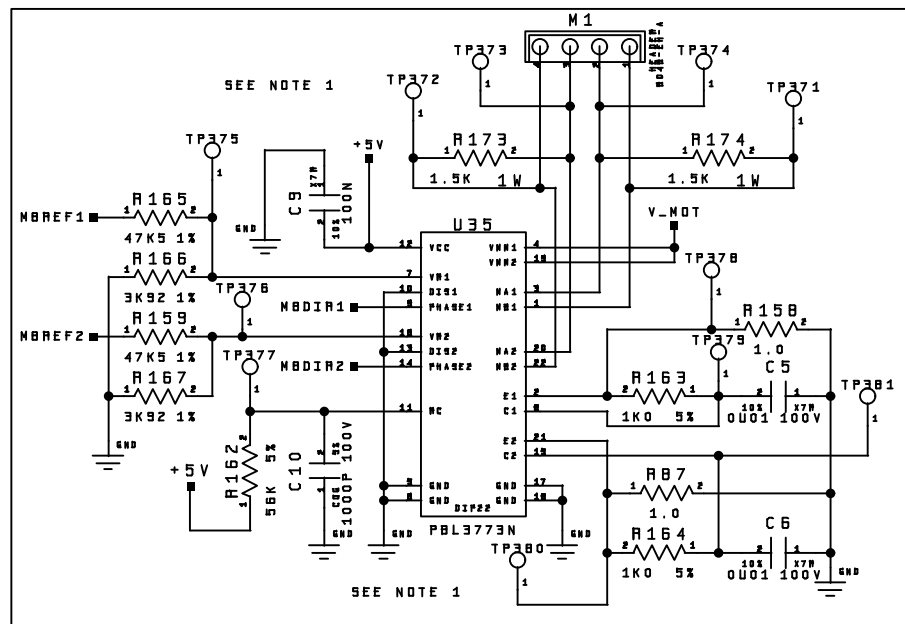
Title: **technobeam**
MOTOR AND LOGIC POWER SUPPLY



Function: **MAKE THINGS GO**

Drawing No. SCH-99030079	REV. 1.3.3	Size B	Date 12/7/96
		Page 9	of 11





NOTES:

1. DO NOT STUFF COMPONENTS IN THIS AREA.

HIGH END SYSTEMS INC.

Title: technobeam



Function: MORE DRIVERS, USER AND SENSOR INPUTS

Drawing No. SCH-99030079

REV. 1.3.3

Size B

Date 12/7/96
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