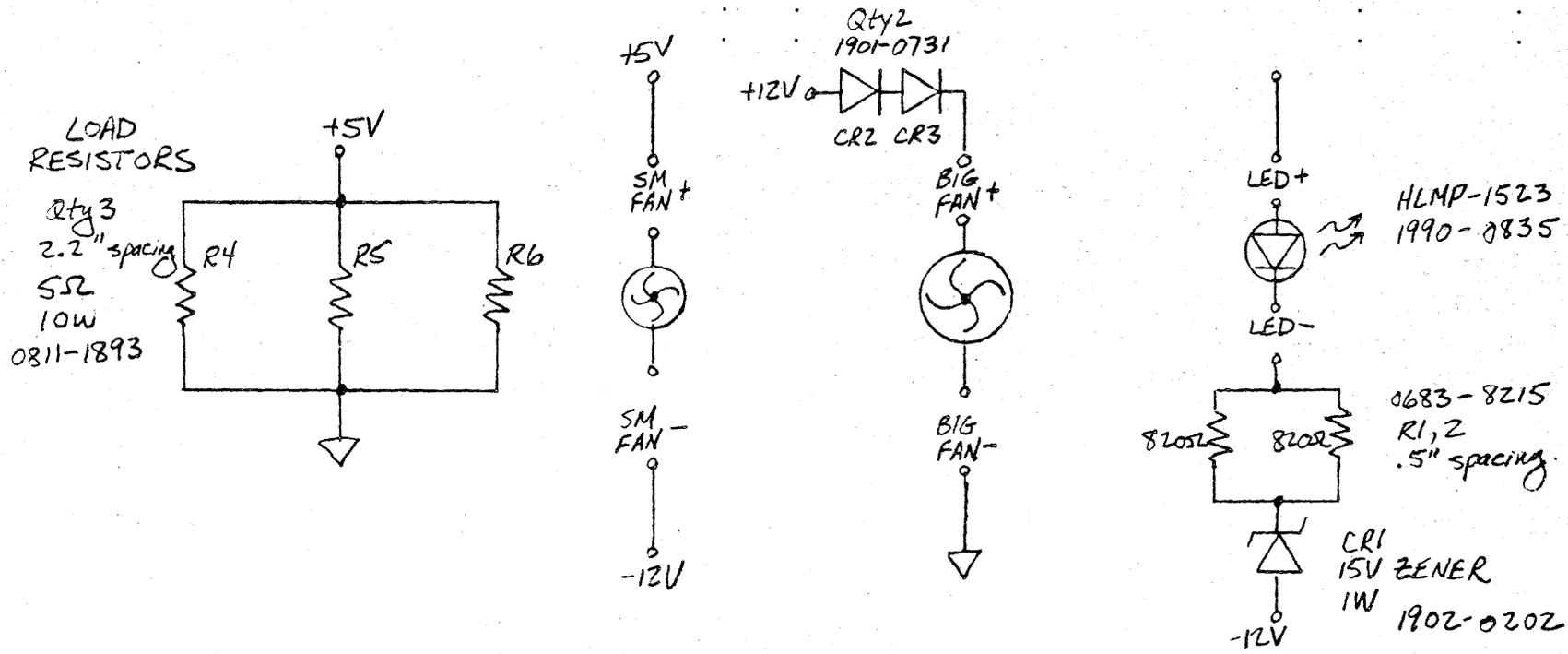


ENGINEERING RESPONSIBILITY <input checked="" type="checkbox"/>															SEPIA <input checked="" type="checkbox"/>															A-98568-66501-4																																																									
0	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	SYM															REVISIONS															APPROVED															DATE																										
16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	A															AS ISSUED															[Signature]															10-85														
44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100																															



NOTE: SEE ALSO CONNECT LIST.

ITEM	QTY.	MATERIAL-DESCRIPTION	MAT'L-PART NO.	MAT'L-DWG. NO.	MAT'L-SPEC.
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DO NOT SCALE THIS DRAWING

UNLESS OTHERWISE SPECIFIED,
DIMENSIONS ARE IN INCHES.

TOLERANCES .XX ± .02 .XXX ± .005

SEE CORP. STD. 608

DRAWN BY J. BROKISH DATE 6/7/85

ENGINEER J. BROKISH 6/7/85

RELEASE TO PROD. 10/22/85

SUPERSEDES DWG.

EXPANDER MOTHERBOARD
SCHEMATIC

TITLE

NEXT ASSEMBLY

FINISH

SCALE

HEWLETT
PACKARD

PART NUMBER
A-98568-66501-4

J3 : POWER SUPPLY CONNECTOR

PIN NUMBER	POWER SUPPLY CONNECTOR
PIN 1:	PURESET* (SEE ALSO SHEET 2)
PIN 2:	+5V
PIN 3:	+5V
PIN 4:	+5V
PIN 5:	+5V
PIN 6:	+5V
PIN 7:	RS+ (+5V)
PIN 8:	RS- (GND)
PIN 9:	GND
PIN 10:	GND
PIN 11:	GND
PIN 12:	GND
PIN 13:	GND
PIN 14:	+12V
PIN 15:	+12V
PIN 16:	GND
PIN 17:	GND
PIN 18:	-12V
PIN 19:	GND

J6: EXPANDER POWER (PIN 1 IS IN UPPER RIGHT)

PIN 2: GND	PIN 1: -12V
PIN 4: GND	PIN 3: GND
PIN 6: GND	PIN 5: GND
PIN 8: GND	PIN 7: GND
PIN 10: +5V	PIN 9: +5V
PIN 12: +12V	PIN 11: +12V
PIN 14: +5V	PIN 13: +5V
PIN 16: GND	PIN 15: GND
PIN 18: +5V	PIN 17: +5V
PIN 20: PURESET*	PIN 19: +5V

(SEE PURESET* ON SHEET 2 ALSO)

NOTES:

1. P SPARE AND SPARE ON THE BACKPLANE HAVE BEEN RENAMED R. CLOCK AND SAS* RESPECTIVELY FOR RODIO. THEY THEREFORE DO NOT SHOW UP ON THE SIGNAL LIST EXCEPT UNDER THE NEW NAME.
2. THE SIGNAL BG3, SPARE0, SPARE1, AND SPARE2 ARE NOT ON THE MOTHERBOARD. THEY ARE, HOWEVER BUSSED BETWEEN ALL DIO CONNECTORS AND BUSSED THROUGH TO THE EXPANDER. TWO I/O CARDS COULD THEN TALK THROUGH THESE SPARES IF NECESSARY.

3. THE SENSE WIRES FOR THE +5V SUPPLY ARE TIED INTO THE +5V AND GROUND PLANE NEAR THE EXPANDER POWER CONNECTOR TO ALLOW THE POWER SUPPLY TO COMPENSATE FOR DROPS ACROSS THE MOTHERBOARD.