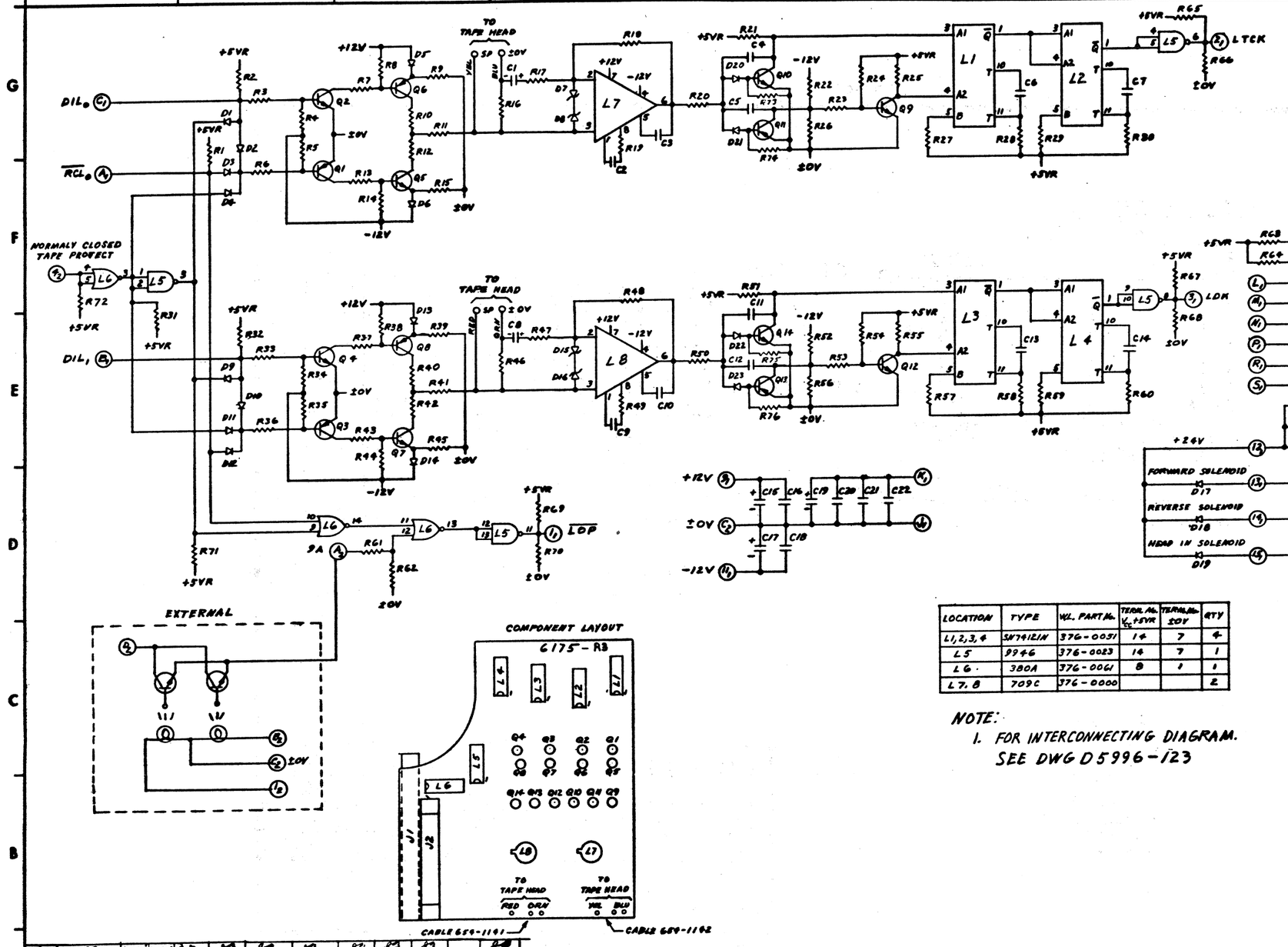

LOCATION	TYPE	WL. PART No.	TERM. No. V_{cc} +5VR	TERM. No. ±0V	QTY
L1,2,3,4	SN7413N	376-0051	14	7	4
L5	9946	376-0023	14	7	1
L6	380A	376-0061	8	1	1
L7, 8	709C	376-0000			2

NOTE:
1. FOR INTERCONNECTING DIAGRAM. SEE DWG D5996-123

COMPONENT	SIZE/TYPE	W.L. PART No.	QTY
RG5,67,69	3.9K ¼W	330-3039	3
R30, 60	39K ¼W RN65D	333-0037	2
R5, 35	47K ¼W	330-4047	2
R1,27,29,57,58,61	1K ¼W	330-3010	6
R2,7,13, 25,32, 37,43 56, 71	10K ¼W	330-4010	9
R3, 6, 33, 36	6.8K ¼W	330-3068	4
R4, 34	56KΩ 1/4W	330-4056	2
R66,68,70,16,26,46,50	4.7K ¼W	330-3047	7
R72, R8,M,31,38,44	2.2K ¼W	330-3022	6
R73,74,75,79,8,24,33,45,76	22K ⅛W	330-4022	10
R10,11,12,40,41,42	1.2K ½W	330-3012	6
R17, 47	82Ω 2% ½W	333-0042	2
R18, 48	120K 2% ½W	333-0048	2
R19, 49	1.5K ¼W	330-3015	2
R21, 51	15K ¼W	330-4015	2
R22,23,52,53	12K ¼W	330-4012	4
R24, 54	27K ¼W	330-4027	2
R28, 58, 62	39K ¼W	330-4039	3
R63,64	33Ω ½W	330-1033	2
C1, 8	16 MF 15VDC	300-4016	2
C2, 9	390 PF	300-1390	2
C3, 10	220 PF	300-1220	2
C4,5, 11,12	47 pf	300-1047	4
C6, 13	.0022 MF	300-2022	2
C7, 14	1500 PF	300-5000	2
C15, 17, 19	10 MF 15VDC	300-3006	3
C16,18,20,21,22	.02 MF	300-1904	5
D20,21, D1,2,3,4,5,6, 22,23 9,10,11,12,13,14	SIL DIODE	380-1001	16
D17, 18, 19	SIL DIODE	380-1004	3
D7, 8, 15, 16	3.3V ZENER	380-2033	4
Q1, 3, 6, 8, 11, 13	GT544	375-1017	6
Q2, 4, 5, 7, 14, 14	2N3014	375-0017	6
Q 9, 12	SIL TRANSISTOR	375-1005	2
Q1 THRU 14	TRANSIPAD	375-9004	14
J1	CONNECTOR	350-0011	1
J2	CONNECTOR	350-0028	1

E.REV. 9

REVISION	BY	DATE	APP'D
1 PER ECN 3078 THIS PROTECT WAS ON ⑤ ADDED CIRCUIT L1-4 WAS ST AND 2.2 ADDITION.		6-20-72	
2 REVISED PER ECN #3098	SHH	7-27-72	
3 REVISED PER ECN #3091	SHH	8-10-72	
4 REVISED PER ECN #3092	SHH	8-29-72	
5 REVISED PER E.C.N. #3098 APP'D SHH	SHH	7/27/72	
6 PER ECN 3131 Q10,14 WAS 544 TRANSISTOR APP'D SHH	SHH	8-10-72	
7 PER ECN #3182 DELETE KEY BOARD INSTALL ON J1 APP'D SHH	SHH	8-29-72	
8 PER ECN #3160 ADDED R73,74,75 APP'D SHH	SHH	8-30-72	
9 PER ECN #3269 J1,J2 WAS 2-5-4-14 APP'D SHH	SHH	9-27-72	
10 PER ECN #3268 R28,58 WAS 10K APP'D SHH	SHH	9-30-72	
11 REV. PER ECN #3585 APP'D		10-16-72	
12 REVISED PER ECN #4295 APP'D C.H.R.		10-18-74	

DEC 07 1978

WANG LABORATORIES INC. TEWKSBURY, MASS.

MODEL NO.	DRAWN	APP'D	
TD 24	GB 12/1/71		3/11/72
	CHECKED	CHK.	
	K.J. 6-29-72		

TITLE: SCHEMATIC DIAGRAM 6175
TAPE AMPLIFIER BOARD

SHT OF | DWG. NO. D 6175 | REV. 12

D 6175-1