

13 11 9 7 5 3 1
 0 0 0 0 0 0 0
 0 0 0 0 0 0 0
 12 10 8 6 4 2

Clock Select Multiplexer

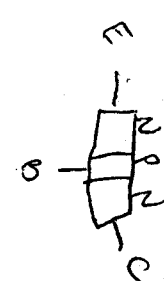
- Grn. Month - 9 Green
- Yel. DAY-Tens - 8 Yellow
- Blk. DAY-Ones - 7 ORANGE
- Red. YEAR-Tens - 6 Red
- Wht. YEAR-Ones - 5 Brown

Chart Date

8 4 2 1
 1 2 3 4

Birth date

8 4 2 1
 10 11 12 13



	<u>BINARY</u>	<u>Chart Date</u>
1	Yel	8 - <u>Violet</u>
2	Grn	4 - <u>Gray</u>
3	wht.	2 - <u>White</u>
4	Blk	1 - <u>Black</u>

	<u>BINARY</u>	<u>Birth date</u>
8	-	<u>Blue</u>
4	-	<u>Violet</u>
2	-	<u>Gray</u>
1	-	<u>White</u>
10		Red
11		Blk
12		YEL
13		Grn

1 2 4 C 8

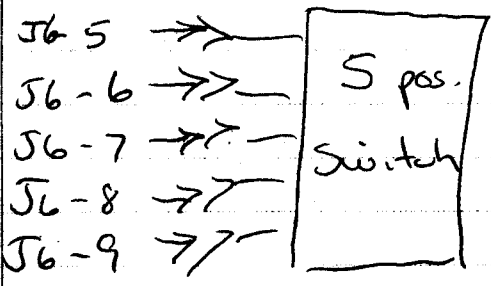
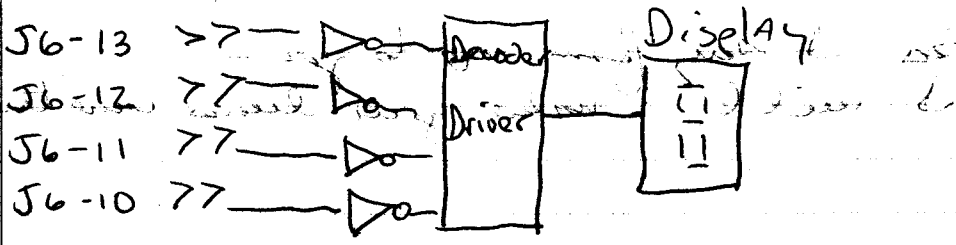
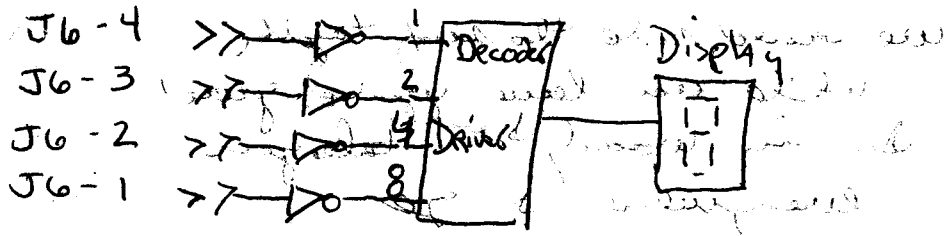
15 - 6

10
 B - 1
 BL - 0
 Gr -

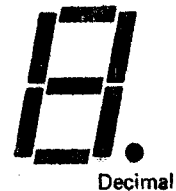
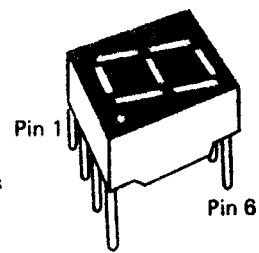
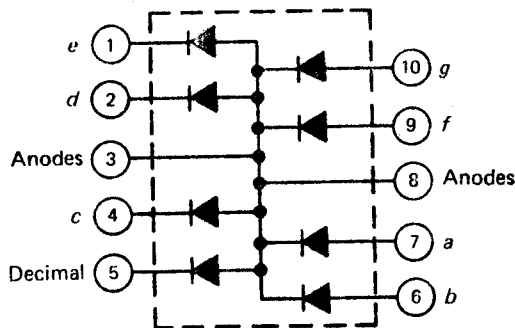
Jan.	0	0
Feb.	1	1
Mar.	6	2
Apr.	7	3
May.	4	4
June.	5	5
July.	2	6
Aug.	3	7
Sept.	8	8
Oct.	9	9
Nov.	10	10
Dec.	11	11

0110 - 0010
0111 - 0011

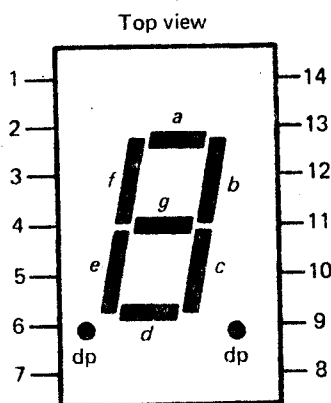
...
 ...
 ...



TIL321 (Texas Instruments)
LED seven-segment display
(common anode)
(same as FND507 or
Radio Shack 276-1648)
For horizontal mounting board.



276-053 (Radio Shack)
LED seven-segment display
(common anode)
For vertical mounting board.

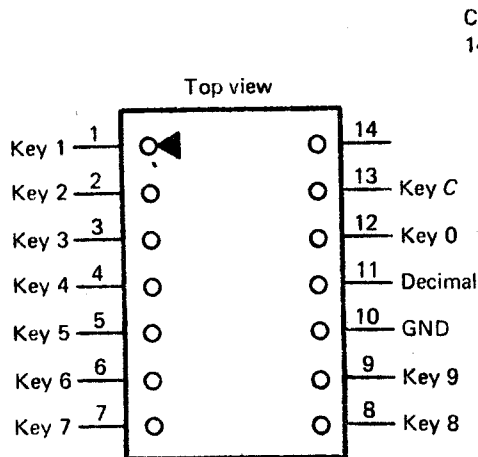


COMMON ANODE	
PIN	FUNCTION
1	CATHODE <i>a</i>
2	CATHODE <i>f</i>
3	ANODE
4	NO PIN
5	NO PIN
6	CATHODE <i>dp</i>
7	CATHODE <i>e</i>
8	CATHODE <i>d</i>
9	NO CONNECTION
10	CATHODE <i>c</i>
11	CATHODE <i>g</i>
12	NO PIN
13	CATHODE <i>b</i>
14	ANODE

ALTERNATE CONNECTION	
PIN	FUNCTION
1	NO PIN
2	ANODE
3	CATHODE <i>f</i>
4	CATHODE <i>g</i>
5	CATHODE <i>e</i>
6	CATHODE <i>d</i>
7	NO PIN
8	NO PIN
9	ANODE
10	CATHODE <i>dp</i>
11	CATHODE <i>c</i>
12	CATHODE <i>b</i>
13	CATHODE <i>a</i>
14	NO PIN

INPUT Device

KB-921 (Dynaloc, Inc.)
Keyboard



Cable to
14-pin plug

