

# DL6176

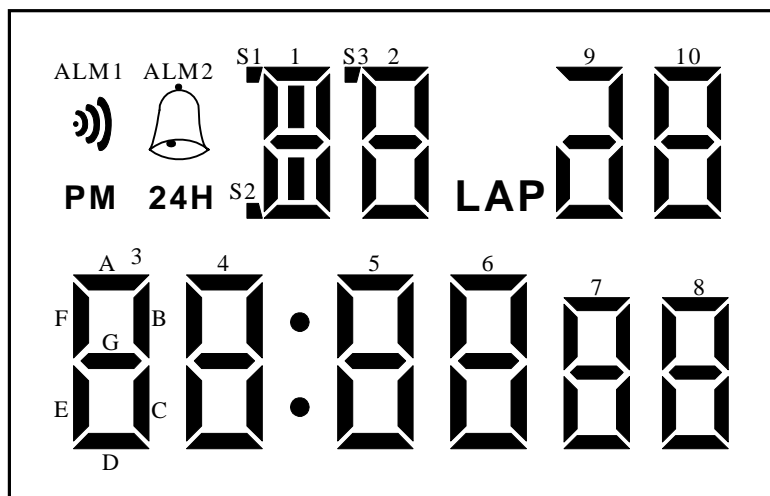
## 10 Digit LCD Watch with EL Driver

### 1. GENERAL FEATURES

#### 1.1 FEATURES

- A. Clock with Month, Day, Hour, Minute, Second, Weekday
- B. Alarm & Hourly Chime
- C. Sport Timer (1/100 Sec)
- D. 3V Lithium Battery Operation
- E. Very Low Power Operation
- F. Built in EL drive

#### 1.2 LCD PATTERN



LIGHT

MODE

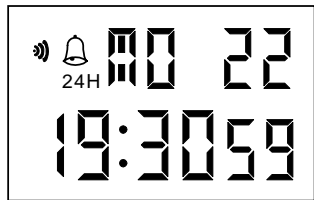
SET

ADJUST

# 10 Digit LCD Watch with EL Driver

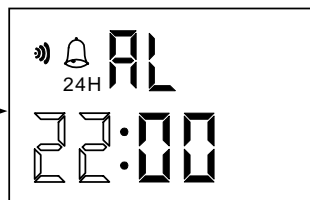
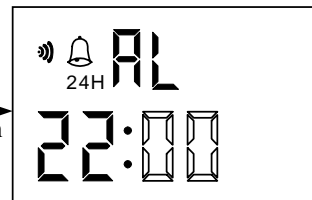
## SETTING SEQUENCE AND SWITCH OPERATION:

### CLOCK MODE



D:12/24hr

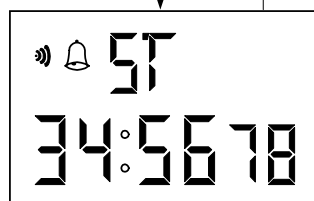
### ALARM MODE

S:set  
alarm-hrS:set  
alarm-min

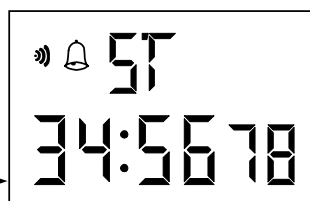
S:set alarm complete

D: toggle Alarm flag  
and Chime flagD:adjust  
alarm-hourD:adjust  
alarm-minute

### SPORT-TIMER MODE



S:Split



D:start/stop

D:start/stop

D:start/stop

M: MODE key pressed

M: MODE key pressed

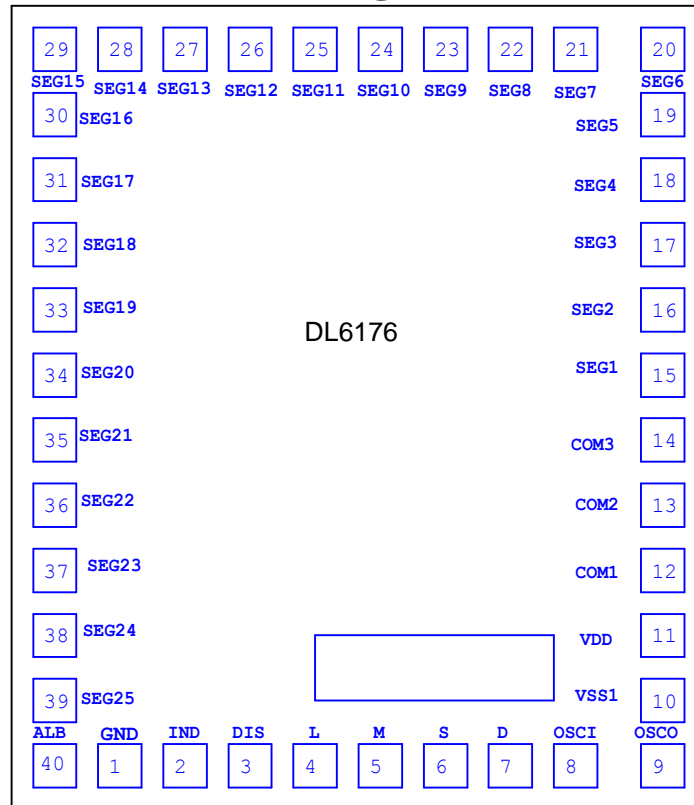
### SET-CLOCK MODE

S:shift setting  
next 2 digits

M: MODE key pressed

D:adjust/advance  
setting digits

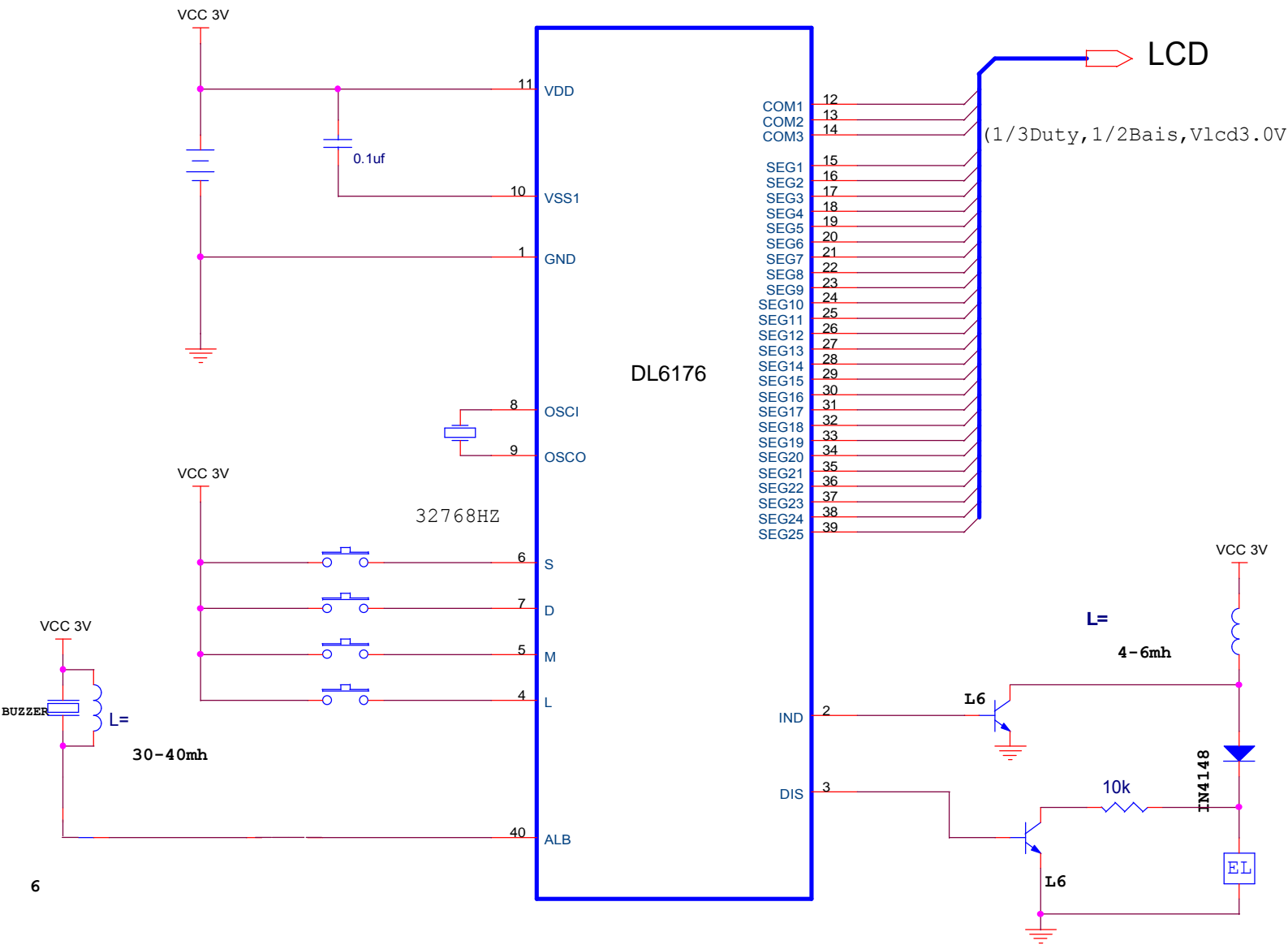
# 10 Digit LCD Watch with EL Driver



NO	NAME	X	Y	NO	NAME	X	Y
1	GND	1550	360	27	SEG13	1550	490
2	IND	1550	490	28	SEG14	1550	360
3	DIS	1550	620	29	SEG15	1550	230
4	L	1550	750	30	SEG16	80	80
5	M	1550	880	31	SEG17	210	80
6	S	1550	1010	32	SEG18	340	80
7	D	1550	1140	33	SEG19	470	80
8	OSCI	1550	1270	34	SEG20	600	80
9	OSCO	1380	1550	35	SEG21	730	80
10	VSS1	1250	1550	36	SEG22	860	80
11	VDD	1120	1550	37	SEG23	990	80
12	COM1	990	1550	38	SEG24	1120	80
13	COM2	860	1550	39	SEG25	1250	80
14	COM3	730	1550	40	ALB	1380	80
15	SEG1	600	1550				
16	SEG2	470	1550				
17	SEG3	340	1550				
18	SEG4	210	1550				
19	SEG5	80	1550				
20	SEG6	1550	1400				
21	SEG7	1550	1270				
22	SEG8	1550	1140				
23	SEG9	1550	1010				
24	SEG10	1550	880				
25	SEG11	1550	750				
26	SEG12	1550	620				

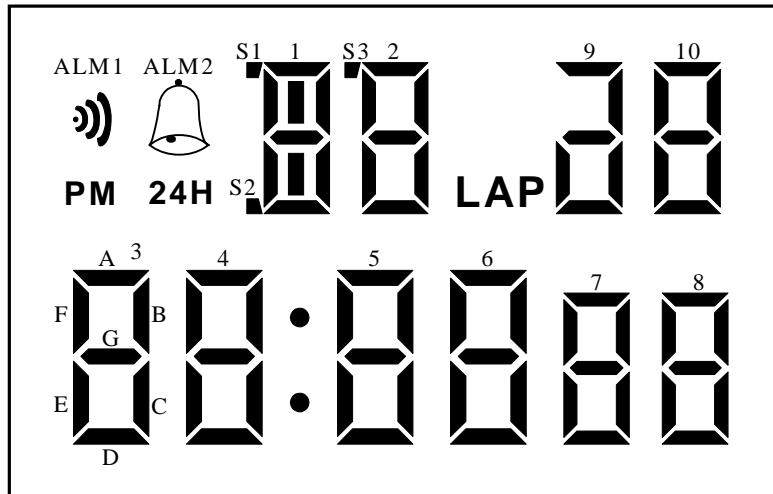
**NOTE: The chip substrate should be isolated or connected to VDD!**

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LCD PATTERN:



LCD FORMAT:

	COM1	COM2	COM3
<b>SEG1</b>	--	8C	8B
<b>SEG2</b>	8D	8G	8A
<b>SEG3</b>	7C	8E	8F
<b>SEG4</b>	7D	7G	7B
<b>SEG5</b>	7E	7F	7A
<b>SEG6</b>	10C	10B	10A
<b>SEG7</b>	10D	10G	10F
<b>SEG8</b>	10E	9C	9B
<b>SEG9</b>	6C	9E	9ADG
<b>SEG10</b>	6D	6G	6B
<b>SEG11</b>	6E	6F	6A
<b>SEG12</b>	5D	5C	LAP
<b>SEG13</b>	5E	5G	5B

	COM1	COM2	COM3
<b>SEG14</b>	COL	5F	5A
<b>SEG15</b>	2D	2BC	2A
<b>SEG16</b>	2G	2EF	S3
<b>SEG17</b>	1C	1B	1A
<b>SEG18</b>	1G	1H	1F
<b>SEG19</b>	1D	1E	S1S2
<b>SEG20</b>	24H	ALM2	ALM1
<b>SEG21</b>	4B	4A	PM
<b>SEG22</b>	4C	4G	4F
<b>SEG23</b>	4D	4E	3B
<b>SEG24</b>	3C	3G	3A
<b>SEG25</b>	3D	3E	3F