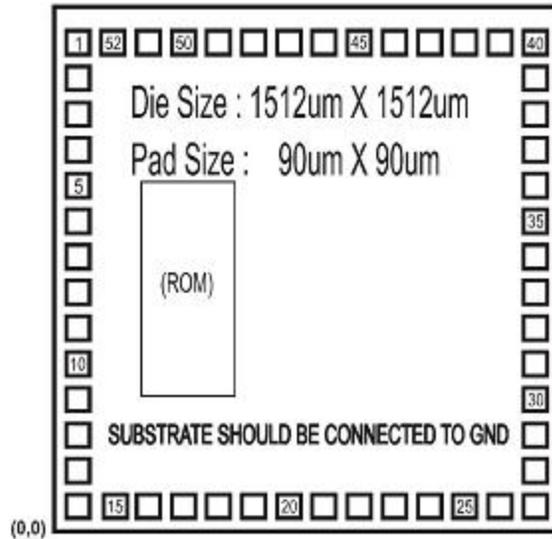# DL6030

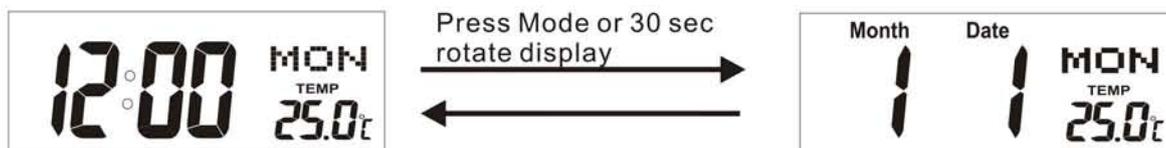# 英文年月日温度时钟

SET　　UP/DegC /DegF　　DOWN/ MODE

A) FEATURES

1) 1.5V Operate
2) Low Power Consumption
3) 4-digit LCD Calendar Clock With Temperature
   Selectable for 12 or 24 Hour Format
   Selectable for degC or degF Format
4) Date Display (Month / Date / Week)
5) Year Range is 1940-2099 (Default is 2001yr)
   Auto Adjust Week
6) Measuring Temperature Range:-9 degC ~+70 degC or
                          +15.8degF ~+158degF
7) Temperature Display Resolution :0.1 degC
8) Accuracy :+/- 1 degC
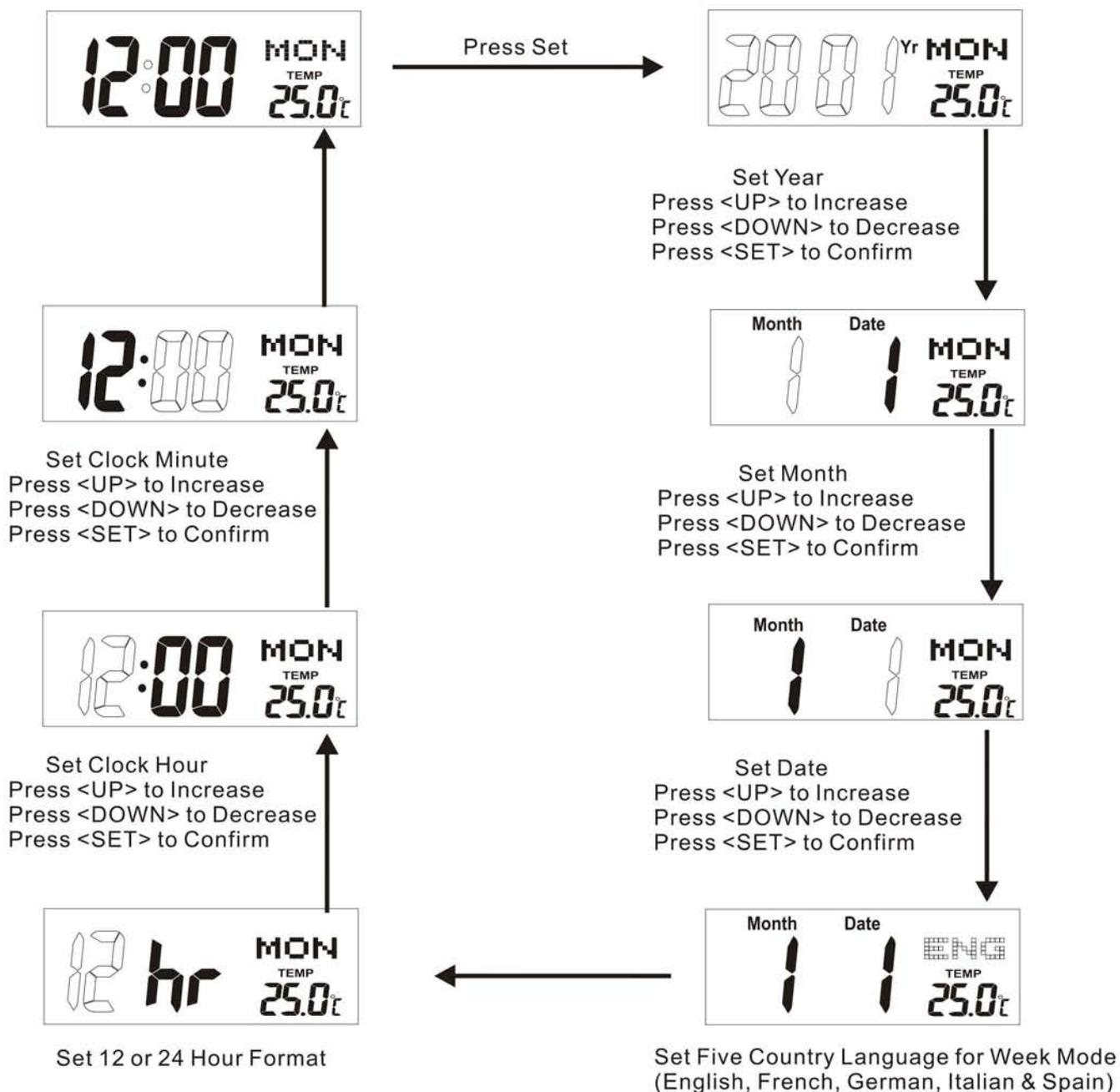9) Soldering Option for 30 sec Rotate Display or Fixed Display

DL6030

Die Size : 1512um X 1512um

Pad Size :   90um X 90um

(ROM)

SUBSTRATE SHOULD BE CONNECTED TO GND

(0,0)

NO	NAME	X	Y	NO	NAME	X	Y
1	BAK	69.75	1422.25	27	SEG13	1442.25	69.75
2	XIN	69.75	1325.25	28	SEG14	1442.25	186.75
3	XOUT	69.75	1221.75	29	SEG15	1442.25	290.25
4	GND	69.75	1118.25	30	SEG16	1442.25	393.75
5	VDD1	69.75	1014.75	31	SEG17	1442.25	497.25
6	VDD2	69.75	911.25	32	SEG18	1442.25	600.75
7	VDD3	69.75	807.75	33	SEG19	1442.25	704.25
8	CUP1	69.75	704.25	34	SEG20	1442.25	807.75
9	CUP2	69.75	600.79	35	SEG21	1442.30	911.29
10	COM1	69.75	497.25	36	SEG22	1442.25	1014.75
11	COM2	69.75	393.75	37	SEG23	1442.25	1118.25
12	COM3	69.75	290.25	38	SEG24	1442.25	1221.75
13	COM4	69.75	186.75	39	IOA2	1442.25	1325.25
14	COM5	69.75	69.75	40	IOA3	1442.25	1442.25
15	SEG1	186.75	69.75	41	SEG27	1325.25	1442.25
16	SEG2	290.25	69.75	42	SEG28	1221.75	1442.20
17	SEG3	393.75	69.75	43	SEG29	1118.25	1442.25
18	SEG4	497.25	69.75	44	SEG30	1014.75	1442.25
19	SEG5	600.75	69.75	45	SEG31	912.42	1441.89
20	SEG6	704.25	69.75	46	SEG32	807.75	1442.25
21	SEG7	807.75	69.75	47	KI2	704.25	1442.25
22	SEG8	911.25	69.75	48	IOC3	600.75	1442.25
23	SEG9	1014.75	69.75	49	IOC4	497.25	1442.25
24	SEG10	1118.25	69.75	50	RESET	393.75	1442.25
25	SEG11	1221.75	69.75	51	INT	290.25	1442.25
26	SEG12	1325.25	69.75	52	N.C.	186.75	1442.25

B) OPERATION MODES

Press Mode or 30 sec rotate display

C) SETTING PROCEDURES

Press Set

Set Year
Press <UP> to Increase
Press <DOWN> to Decrease
Press <SET> to Confirm

Set Clock Minute
Press <UP> to Increase
Press <DOWN> to Decrease
Press <SET> to Confirm

Set Month
Press <UP> to Increase
Press <DOWN> to Decrease
Press <SET> to Confirm

Set Clock Hour
Press <UP> to Increase
Press <DOWN> to Decrease
Press <SET> to Confirm

Set Date
Press <UP> to Increase
Press <DOWN> to Decrease
Press <SET> to Confirm

Set 12 or 24 Hour Format

Set Five Country Language for Week Mode
(English, French, German, Italian & Spain)

DL6030

英文年月日温度时钟

Month　Date

PM

Yr

TEMP

88:88

188.8°C

VLcd4.5v Duty 1/5 Bias 1/3

Month　Date　Yr

AM
PM

TEMP

S1 S2　S3　S4 S5　S6　S7　S8　S9　S10　S11 S12 S13 S14 S16 S17　S15

S18 . . . . . S24　　　S27 . . . . S32

Month　Date　Yr

AM
PM

TEMP

C1 C2　C3　　C4　　C5

DL6030

8712

LCD (1/5 Duty, 1/3 Bias, Vlcd=4.5volt)

Pin	Signal
9	CUP2
8	CUP1
7	VDD3
6	VDD2
5	VDD1
4	GND
3	XOUT
2	XIN
1	BAK
50	RESET

Pin	Signal
10	COM1
11	COM2
12	COM3
13	COM4
14	COM5
15	SEG1
16	SEG2
17	SEG3
18	SEG4
19	SEG5
20	SEG6
21	SEG7
22	SEG8
23	SEG9
24	SEG10
25	SEG11
26	SEG12
27	SEG13
28	SEG14
29	SEG15
30	SEG16
31	SEG17
32	SEG18
33	SEG19
34	SEG20
35	SEG21
36	SEG22
37	SEG23
38	SEG24
41	SEG27
42	SEG28
43	SEG29
44	SEG30
45	SEG31
46	SEG32
39	IOA2
40	IOA3
51	INT
49	IOC4
48	IOC3
47	KI2

104

VDD1

RESET

1.5 volt

104

104

104

104

104

22p

22p

32768 Hz

Set

Up/DegC/DegF

Down/Mode

30 sec Rotate Date/Time, Default degF
Default Display Date, Default degF
30 sec Rotate Date/Time, Default degC
Default Display Date, Default degC

100K (1%)

SENSOR (ATF-403)

474

This CAP must
be close to INT
pin

Title
DL6030

Size
A

Document Number

Rev
1.2

Date:

Sheet 1 of 1