



**FEATURES**

- ◆3V Lithium Battery Operation
- ◆Clock with Month, Date, Hour, Minute, Second, Weekday
- ◆Alarm & Hourly chime
- ◆Alarm function with 4 to 5 minutes snooze
- ◆Sport Timer(1/100Sec)
- ◆12H/24H cycle Selectable & 4 year calendar
- ◆Very Low Power Dissipation
- ◆Direct drive of piezo buzzer
- ◆Speaker drive by build in transistor
- ◆Debounce circuit on switch input
- ◆Built - in RGB colour Driver

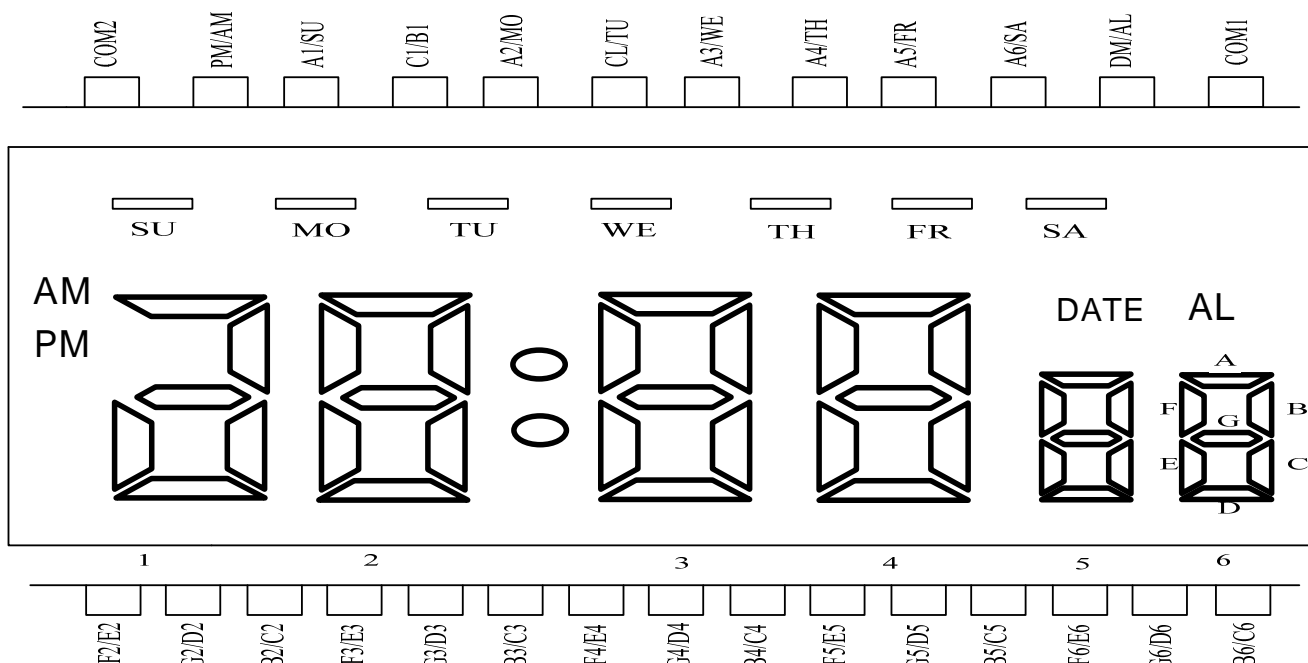
**特点**

- ◆3V 锂电池供电
- ◆可显示月、日、时、分、秒、星期
- ◆响闹、整点响闹功能
- ◆具有4~5分钟再闹功能
- ◆秒表计时
- ◆可选12/24小时制,4年日历
- ◆低功耗
- ◆可直接驱动压电蜂鸣片
- ◆内置三极管驱动闹铃输出
- ◆开关输入防弹跳
- ◆内建七彩背光驱动

**ELECTRICAL CHARACTERISTICS 电气特性**

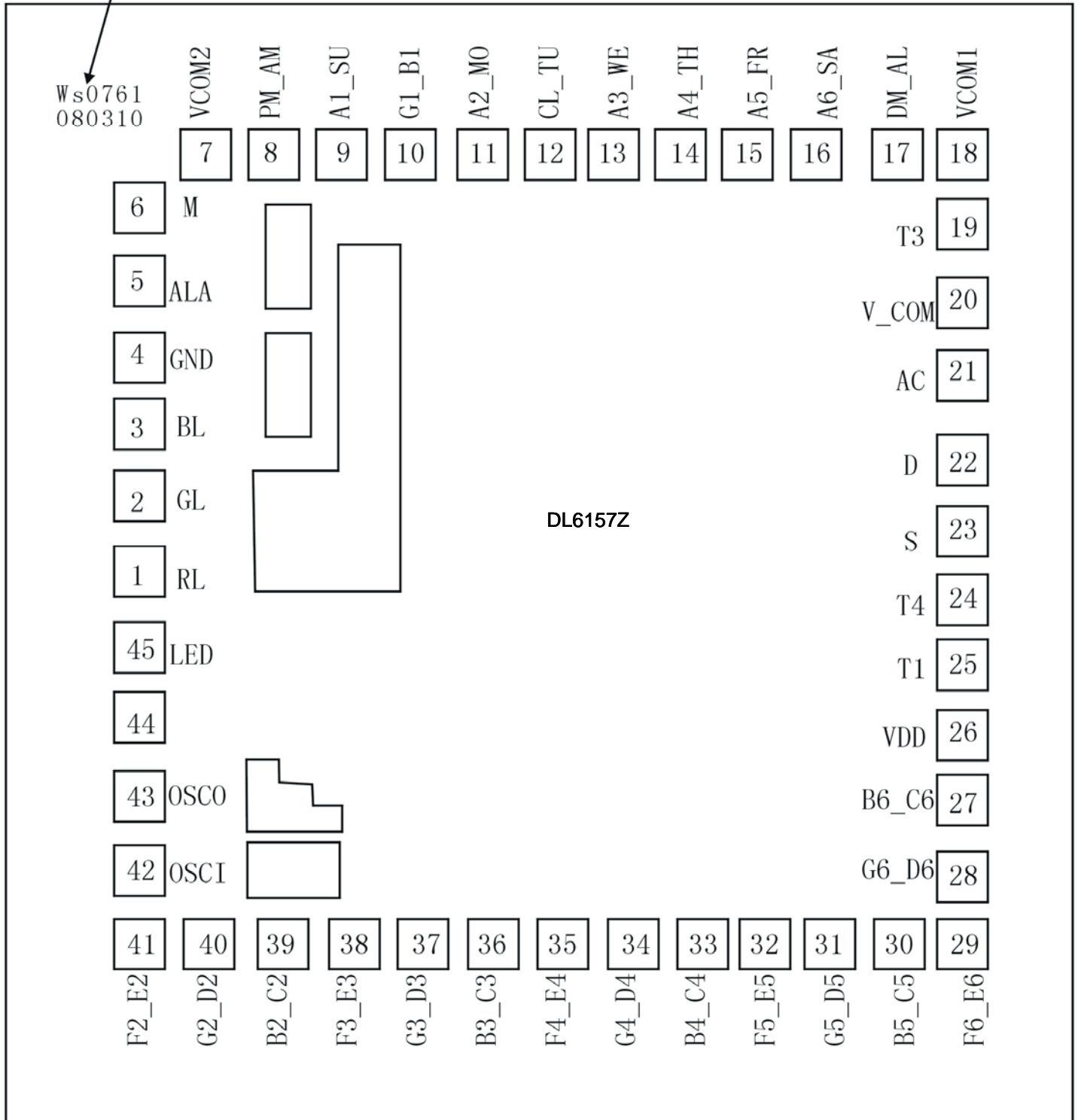
Characteristics	Sym	Min	Typ	Max	Unit	Remarks
Operating Voltage 工作电压	VDD	2.0	3.0	3.6	V	-
Quiescent Current 静态电流	ISB	-	1	3	uA	No Load
Operating Current 工作电流	IOP	-	6	9	mA	EL
Input High Voltage 输入高电压	VIH	VDD-0.	-	VDD	V	-
Input Low Voltage 输入低电压	VIL	VSS	-	VSS+0.	V	-
Oscillating Start Voltage 振荡起振电压	VOS	1.2	1.5		V	With in 1 seconds
Switch Activation Current 按键开关电流	ISW	-	-	4	uA	VIN=VDD
Alarm Drive Current 闹钟驱动电流	IAL	5	10	-	mA	VALA=0.5v
Oscillation Frequency 振荡频率	FOS	-	32768	-	Hz	-
LCD Frequency LCD 频率	FLC	-	32	-	Hz	-
Time Stability 时间稳定度	TST	-	1	-	ppm	VDD=1.5v
Output Current for IND.DIS 输出电流	TO	1	-	-	mA	VO=0.5v

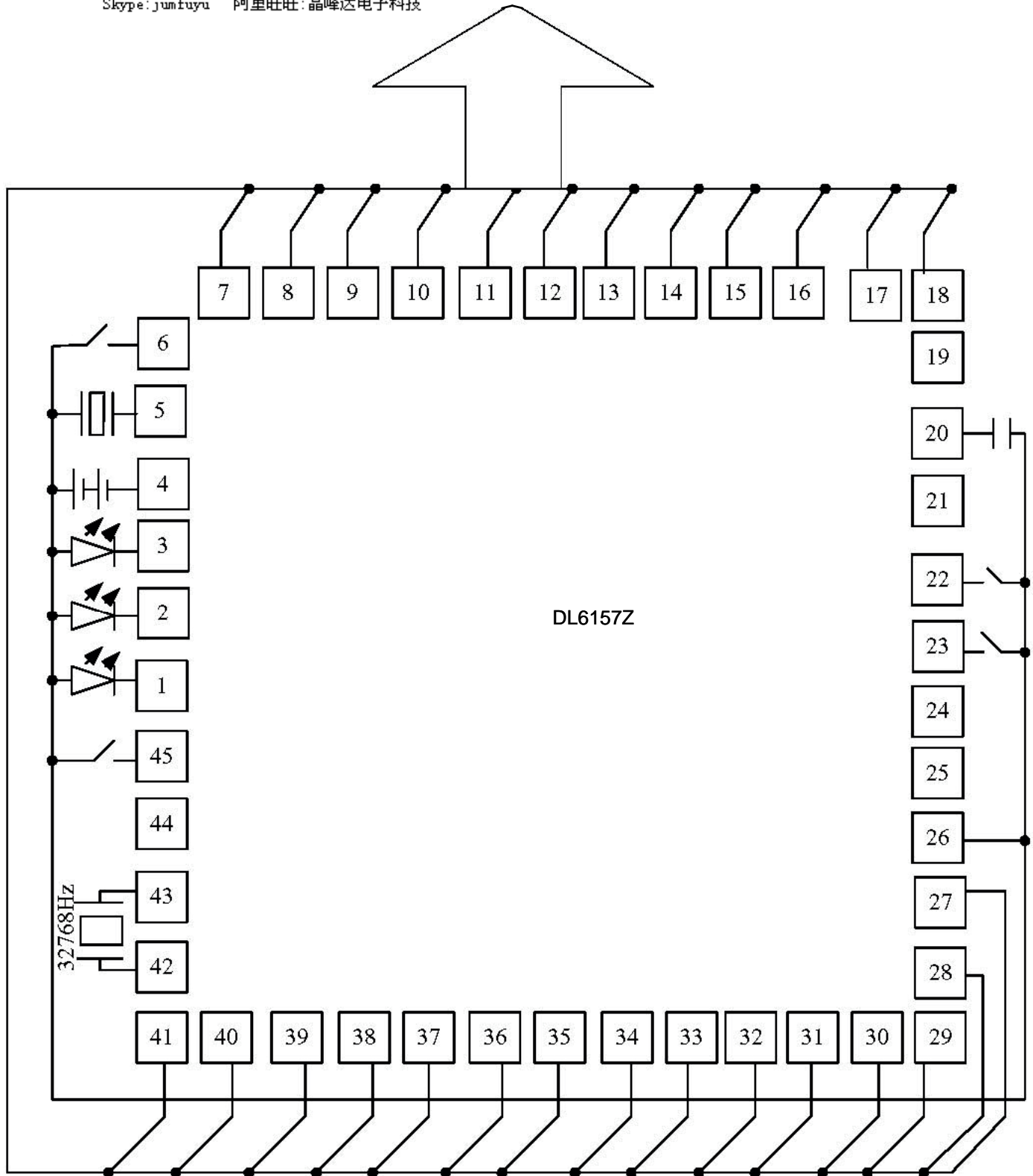
**LCD字形显示**



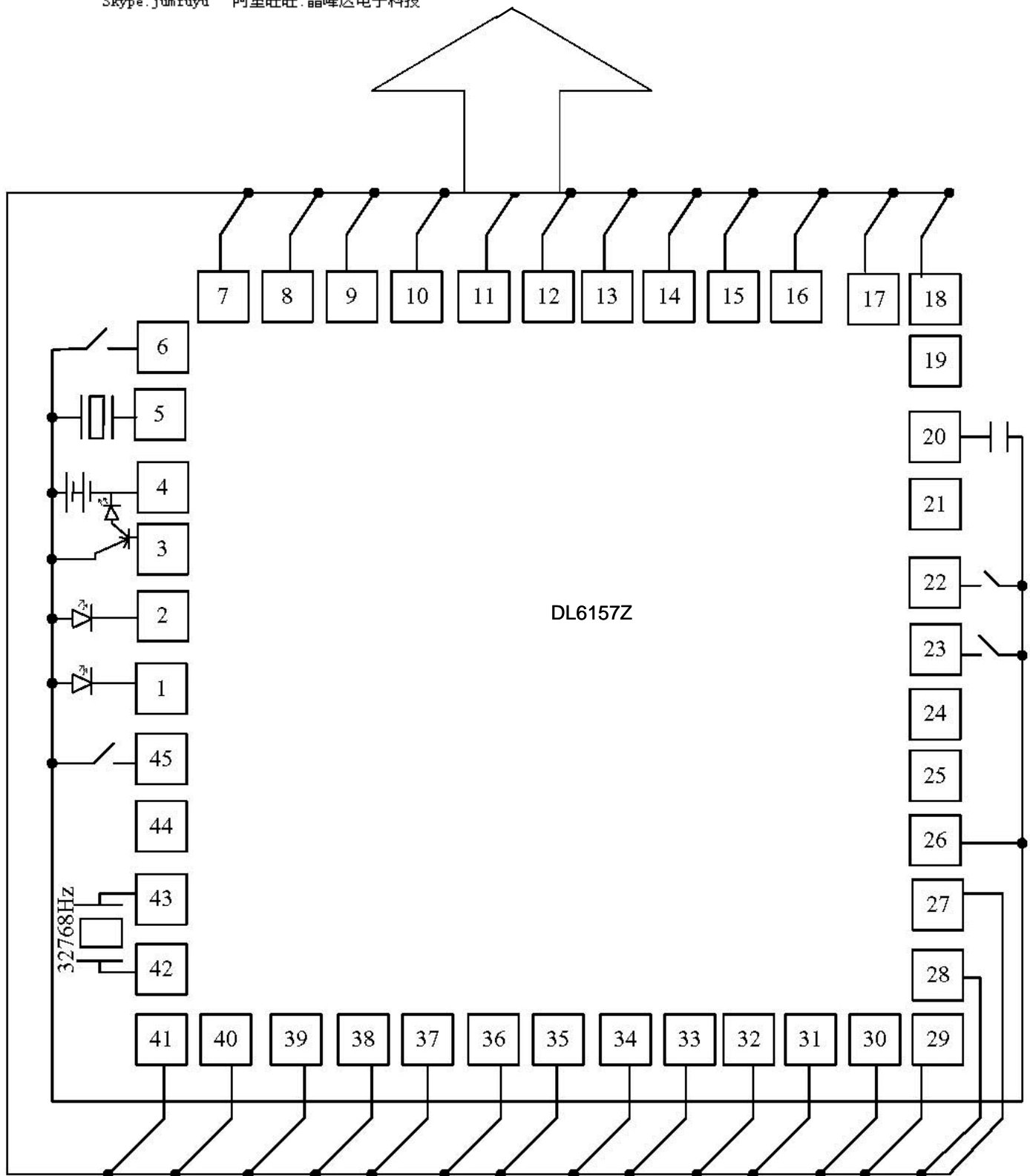


Log





注：芯片底部接VDD



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