上海贝岭股份有限公司
SHANGHAI BELLING CO.,LTD.

BL0939

GENERAL DESCRIPTION

BL0939 is an ASIC designed for multi-fee meter that can be applicable to electronic and mechanical meter. With special programmer, it can provide multi-fee function required in the electro-energy measure system. Clock initialization and period set can be done before leaving factory or when the meter installed. It's clock and period can be read or reset only when the meter taken down, so it's easy to encrypt. The specially designed low-power clock circuit assures that BL0939 will run

BL0939

1	VDD	OP4	16
2	IP1	OP3	15
3	IP2	OP2	14
4	RESET	OP1	13
5	SDA	NC	12
6	SCL	L/T	11
7	OSC1	CLK32	10
8	OSC2	GND	9

16pin DIP

PIN CONFIGURATION

Lowest power clock inside.

Outputs four control signal.

Four time points be set in random.

Initialization clock and period can be displayed on the programmer.

I²C Bus Interface.

Periods shifting display.

Working according to the period set.

24-hour time display.

Time accuracy to ± 0.5 second per day.

Operating ambient temperature range from –40 to 85 .
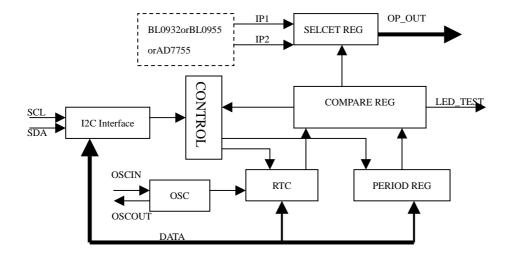
Minimal programmable period 30 min.

Period control accuracy to 1min.

Output control pulse with 5V /10mA.

Keeping voltage: 2.7V to 6.0V.

Low supply current under 1uA when power off.

BLOCK DIAGRAM