M5819

Real Time Clock plus CMOS RAM

Product Brief

Features:

- **Common calendar year with leap year compensation**
- **Year 2000 compliant**
- **Binary or BCD data representation**
- **12/24 hour mode**
- **Daylight savings time option**
- **Interfaces with software as 256 bytes of RAM**
  - **- 15 bytes of clock and control registers**
  - **- 241 bytes of general-purpose RAM**
- **Low power, high speed, CMOS technology**
- **24-pin dual-in-line and SOP package**
- **Three interrupts are separately software maskable and testable**
  - **- Month-of-day alarm**
  - **- Periodic rates from 122 us to 500 ms**
  - **- End of clock update cycle**

Pinout Diagram

	ALi M5819P C1	
NC (1)		RSV
OSC2		HBANK
OSC1		VBAT
AD0		CLKOUT
AD1		CLKOFF
AD2		IRQJ
AD3		NC
AD4		DS
AD5		GND
AD6		R/WJ
AD7		AS
GND		PWG