

## ■ Features

The ML907x is a real time clock LSI optimized for low voltage and low current consumption.

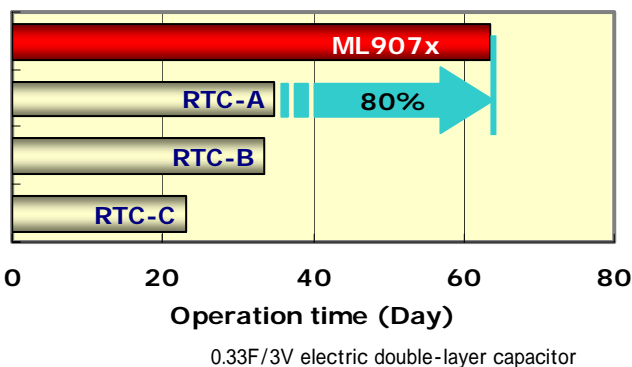
The time/date provides second, minute, hour, day, week, month and year information. The clock operates in either 24-hour and 12-hour format. In addition to its clock and calendar functions, the ML907x enables 30 seconds adjustment, fixed period interrupt and start/stop functions.

All address and data are transferred serially through a 2-line(I2C) bus or 3-line bus.

## ■ Specifications

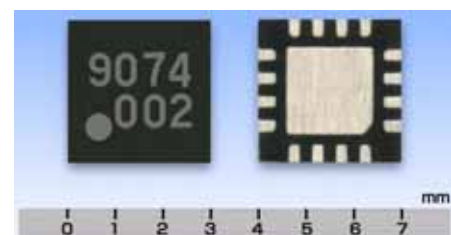
ML9073/ML9074 Specifications		
Spec.	ML9073	ML9074
Operation Voltage	1.1 ~ 3.6V	
Clock Operation Voltage	0.8 ~ 3.6V	
IDD (Clock Operation)	typ.0.15uA	
Interface	I2C 400kHz( >1.5V), 100kHz( >1.1V)	3-line serial 1MHz( >1.5V), 100kHz( >1.1V)
Real Time Clock	sec.,min.,hour,day,week,month,year	
	Leap-year compensation (2000 ~ 2099)	
	30 sec. Adjustment	
	24-hour/12-hour format	
Alarm	month,day,hour,min and weekday	
Interrupt	fixed period (1/64sec,1sec,1min,1hour) & Alarm	
Other Feature	Oscillation stop detector, Power on Reset, Voltage level detector, 32kHz CLK output, time error correction	
Operating Temperature	-40 ~ 85°C	
Package	16pin QFN	

### Low voltage, Low current Operation



### Package Information

16pin QFN  
Size : 3.0mm x 3.0mm x 0.8mm  
Pin pitch : 0.5mm



This is a product introduction, not the products' data sheet. Specification are subject to change without notice.

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