



External Oscillator	32.7680kHz External crystal oscillator providing a clock.
Power	Runs off 5VDC with an optional 3VDC battery backup.
I2C Serial Bus Interface	Standard I2C bus for serial communication.
Square Wave/Output Driver	Generates a square wave in one of four frequencies: 1Hz, 4kHz, 8kHz, 32kHz when enabled. Unused.
Functionality	Provides a real time clock with information available for seconds, hours, days, months and years. Communicates via I2C. Initializes to a default value (01/01/00 01 00:00:00) and will need to be set before use. Can be used in a 12-hour or 24-hour mode.