

16 MHz Ceramic Resonator / Oscillator

PRODUCT ID: 1873

IN STOCK

1

ADD TO CART

1-9

10-99

100+

ADD TO WISHLIST

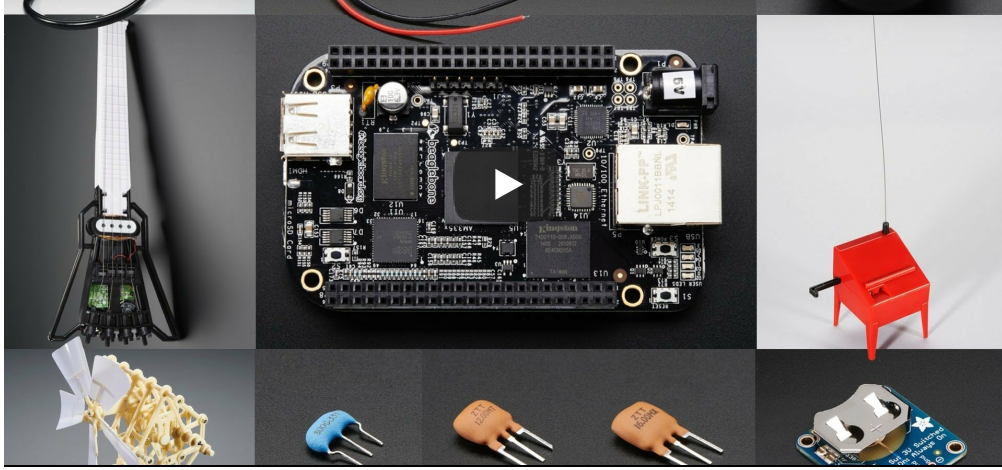
[DESCRIPTION](#)[TECHNICAL DETAILS](#)

DESCRIPTION

Keep your microcontroller tickin' with a ceramic oscillator. These little devices are bread-board friendly (0.1" pin spacing) and easy to use. They act much like crystals with the 'stability' capacitors inside. They have 0.5% accuracy, great for every day electronics and microcontroller work and certainly precise enough for UART or other baud-rate generation. For ultra-high precision needs (USB timing, long-term time-keeping, RF/PLL/VCO driving) you may need a crystal or temperate-compensated oscillator.

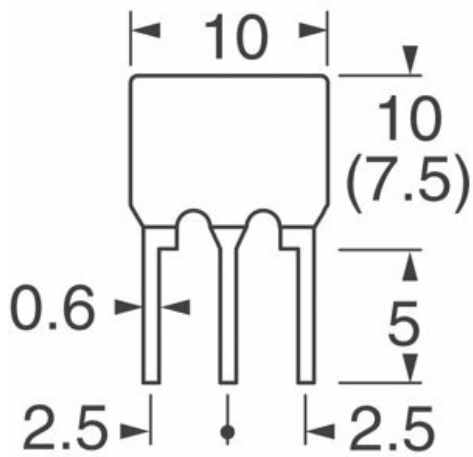
This is a good match for people building Arduino-compatibles since the [Arduino Uno](#) is clocked at 16MHz

To use, connect the two outer pins to XTAL-in and XTAL-out on your circuit (they package is symmetric so use whichever outer pin) and the inner pin to ground. Check the datasheet for more specs



TECHNICAL DETAILS

- Total Dimensions: 15mm x 6mm x 3mm / .6" x .2" x .1"
- Pin Length: 7.3mm / .28"



- [Datasheet](#)

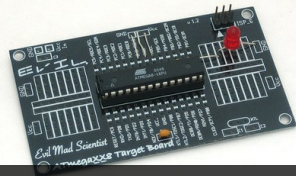


MAY WE ALSO SUGGEST...





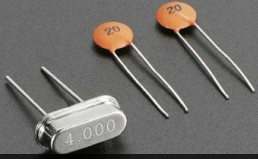
28-pin ZIF socket



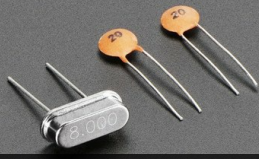
Barebones AVR dev. board



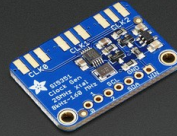
8 MHz Ceramic Resonator /



4 MHz Crystal + 20pF



8 MHz Crystal + 20pF



Adafruit SI5351A Clock

DISTRIBUTORS [EXPAND TO SEE DISTRIBUTORS](#)

[CONTACT](#)

[SUPPORT](#)

[DISTRIBUTORS](#)

[EDUCATORS](#)

[JOBS](#)

[FAQ](#)

[SHIPPING & RETURNS](#)

[TERMS OF SERVICE](#)

[PRIVACY & LEGAL](#)

[ABOUT US](#)

"The most exciting phrase to hear in science, the one that heralds new discoveries, is not 'Eureka!' but 'That's funny...'" - Isaac Asimov

ENGINEERED IN NYC [Adafruit](#)®



4.9 ★★★★★
Google
Customer Reviews