

Technical description for Texas Instruments eZ430-Chronos-915:

The eZ430-Chronos-915 is a development kit in a wrist watch form factor for the CC430F6137 chip from Texas Instruments. The board will only fully function (wireless connection) together with the corresponding CC1101 based access point or similar equipment.

The CC430F6137 System on Chip has a differential RF output that is transformed to a single ended, 50 ohm signal through a passive component (capacitor/inductor) balun. The output of the balun is filtered to reduce harmonic radiation and then connected to a chip antenna.

The chip antenna mounted on the board is 0920AT50A080 from JTI. The datasheet of the antenna is attached for further details.

Frequency range: 902 – 928MHz (North America)

Type of modulation: 2-GFSK

Occupied bandwidth: 11.6kHz

Antenna connector: chip antenna mounted on PCB

This evaluation board is intended for use for ENGINEERING DEVELOPMENT, DEMONSTRATION OR EVALUATION PURPOSES ONLY and is not considered by TI to be a finished end product fit for general consumer use.