

ZEBAX TECHNOLOGIES

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ZX351 Multitone signal generator

Dual output 200MHz multitone signal generator
Programmable frequency/phase/amplitude sweeping capabilities
Programmable output voltage, 0.1V to 3.8Volts
32 bit frequency tuning resolution
14 bit phase offset resolution
10 bit output amplitude- scaling resolution.

Application:

Agile oscillator
Radar & sonar
Test-tone generation
Fast frequency hopping
clock generation

ARM processor controlled module, ZX300 core design utilizing USB, UART, SPI, or I2C inputs for control.
See ZX300 core for more information.

Ease of use, tailored for automation, and general purpose application where reliability and integrated software solution provides level of performance for new generation of instrumentation products from Zebax.

Input interface: SMA connector.

Board size: 4"x4.5", Standard USB i/f, see [ZX300 Core](#) for details.

Control Inputs: USB, UART, SPI, or I2C .
Programmable interface voltage level for SPI, or I2C from 0.7Vdc to 4.75Volts

ZX351 Package: ZX350, ZX351 , USB cable, Power Supply, UART cable interface, ZX300 GUI Software.

ZX351 Interface: ZX300 core interface connector pin assignment is define in ZX300 core specification, please see ZX300 core data.

ZX351 Board2Board : Board to board interface connectors. Please ZX300 core data for more information.

Method of use: Standalone, Stackup, or mini_Rackmount

ZX351 Overview:

- Dual output signal generator, sine, squarewave with variable duty cycle.
- Programmable output voltage
- Programmable frequency/phase/amplitude sweeping

Software features

- Programmable features enabling :
 - frequency/phase/amplitude sweeping
 - output voltage scaling
 - and more...