

FX/MX614

Bell 202 Compatible Modem

The FX614/MX614 is a low power CMOS integrated circuit for the reception or transmission of asynchronous 1200bps data, and is suitable for use in Bell 202 type systems.

The device incorporates an optional Tx and Rx data retiming function that removes the need for a UART in the associated μ C when operating at 1200bps. An optional line equaliser is incorporated into the receive path, controlled by an external logic level. The FX614/MX614 may be used in a wide range of telephone systems.

Features

- Optional 5bps and 150bps Back Channel
- Optional 1200bps Data Retiming Facility
- Optional Line Equalisation
- 3.58MHz Xtal/Clock

Applications

- For Wireline Data Systems
- Pay and Feature Phones

Supply Requirement

- 3.0 to 5.5V

With a low operating voltage, a very low-current 'sleep' mode and an operating current of 1mA the device is ideal for portable, terminal and line powered applications. A 3.58MHz standard Xtal/Clock rate is required and the device operates from a 3.0V to 5.5V supply.



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