REFERENCE DESIGN 457 INCLUDES: \(\checkmark\) Tested Circuit \(\checkmark\) Schematic \(\checkmark\) BOM \(\checkmark\) Board Available

REP018: Dual-Band Dual-Mode Front-End IC with Common 183.6MHz IF

Nov 01, 2000

Abstract: Reference design (RD) is a dual-band, triple-mode CDMA front-end IC in a receiver with all 183MHz IFs for processing cellular CDMA. The RD uses the MAX2323, a low-noise amplifier (LNA) with mixer, that is useful for TDMA, GSM, EDGE, and WCDMA applications.

More Information
- Wireless Home
- Application Notes and Tutorials
- EV Kit Software
- Technical Support

Rapid Engineering Prototypes are real circuits that Maxim application engineers have built and measured in our labs. They can provide a starting point for new RF designs. They are not available as evaluation kits.

Schematic of the MAX2323 evaluation kit (PDF, 61kB)

Bill of materials, part 1
## Bill of materials, part 2

<table>
<thead>
<tr>
<th>Related Parts</th>
<th>Description</th>
</tr>
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<tbody>
<tr>
<td>MAX2323</td>
<td>Triple/Dual-Mode CDMA LNA/Mixers</td>
</tr>
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## More Information
- For Technical Support: [http://www.maximintegrated.com/support](http://www.maximintegrated.com/support)
- For Samples: [http://www.maximintegrated.com/samples](http://www.maximintegrated.com/samples)
- Other Questions and Comments: [http://www.maximintegrated.com/contact](http://www.maximintegrated.com/contact)

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