



# DM9200

## 1.1- 1.6GHz Quad RF Up Converter (Advanced Information)

**Description**

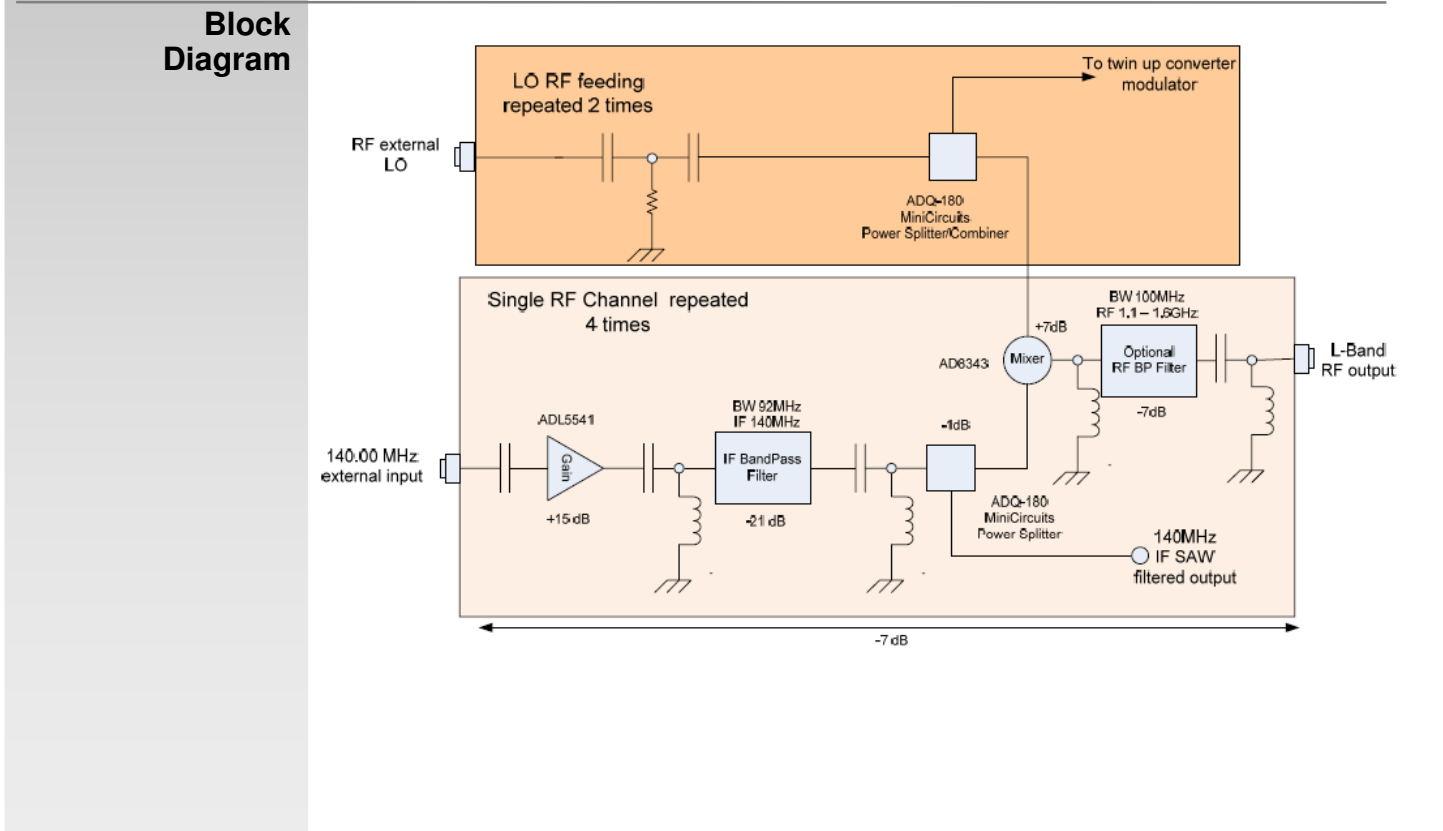
The DM92x0 is a 4 channel IF-RF Upconverter. The input IF frequency is assumed to be 140 MHz, while the output RF frequency is in the range of 1150MHz to 1600 Mhz (Models 9210, 9220 and 9230). Other Frequencies available upon request.

The unit must be driven externally with the mixer RF LO.

Two RF LO inputs are provided and are internally power splitted to simmetrically drive a twin couple of up converter Mixers.

Therefore two different RF up converter frequencies are manegeable with the same Board.If a synthesized RF LO from a 10.00MHz is needed please contact DIGIMIMIC technical support for solutions

- Features**
- ❖ L Band RF Up converter to cover all GPS and Galileo Navigation services
  - ❖ Up to 4 L-band RF up converter channels in a single board
  - ❖ Ultra wideband: Up to 90MHz bandwidth
  - ❖ Input IF 140 MHz, SMA Connector
  - ❖ Input Level up to 4 dBm
  - ❖ Input impedance 50 ohm Se AC Coupled
  - ❖ Optional Internal image rejection RF Filter
  - ❖ Output Level : up to -3 dBm (50 Ohm SE AC coupled Load)
  - ❖ Power Consumption: TBD
  - ❖ Form Factor : 3U







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### Disclaimer

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### Application Information

**CAUTION: THIS IS AN ESD SENSITIVE DEVICE**

Manage with care. Please avoid stresses above absolute maximum ratings.

### Product Status Definitions

Datasheet Identification	Product Status	Definition
Advanced Information	Formative or or In Design	This datasheet contains the design specifications for product development. Specifications may change in any manner without notice.
Preliminary	First Production	This datasheet contains preliminary data, and supplementary data will be published at a later date. DIGIMIMIC reserves the right to make changes at any time without notice in order to improve design.
No Identification Needed	Full Production	This datasheet contains final specifications. DIGIMIMIC reserves the right to make changes at any time without notice in order to improve design.
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