

DATA SHEET

Confidential

RDA3560M

CMOS Integrated Satellite LNB Tuner

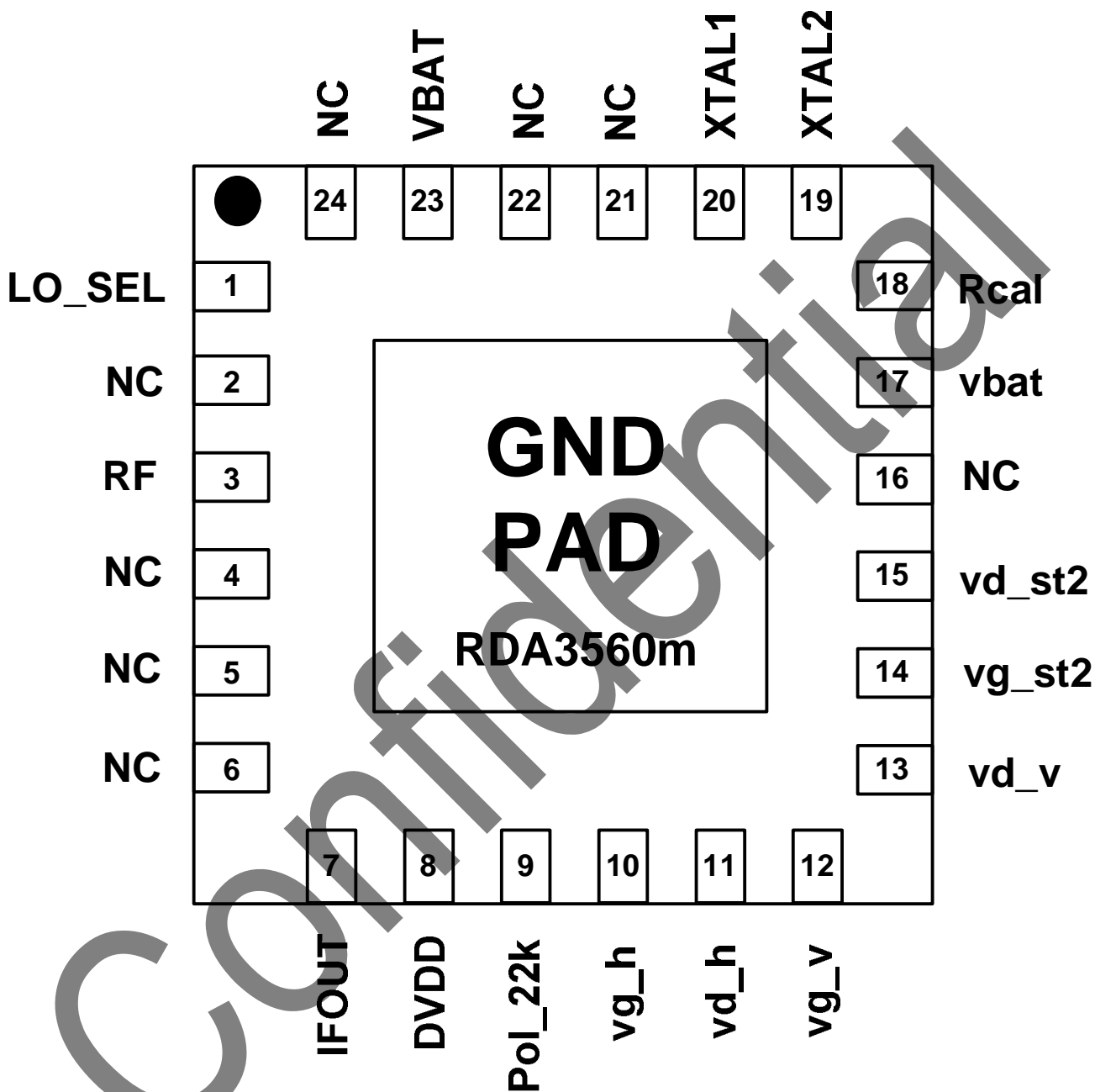
Features

- I CMOS Integrated Ku band to L band downconverter
- I Integrated VCO and PLL
- I Integrated pre-amplifier, mixer and L band buffer amplifier
- I Integrated reference oscillator (27MHz is default)
- I Integrated 22K tone detection and polar voltage selection
- I Integrated negative voltage generator and phemt
- I FET bias control
- I Low phase noise
- I Switched LO frequency between 9.75GHz and 10.6GHz
- I Also support 10.75GHz LO frequency
- I 4.5V to 5.5V operation
- I Low spurious
- I Lower profile packages: 4×4 mm QFN24

Applications

- I Ku band LNB converters for digital satellite reception
- I Ku band LNB for Domestic ABS-S application

Pin Information



Pin Description

Pin number	Name	I/O	DESCRIPTION
1	LO_SEL	I	LO frequency seletion port. When connected to Vbat, 10.75GHz LO enabled, connected to gnd LO switched between 9.75GHz and 10.6GHz

The information contained herein is the exclusive property of RDA and shall not be distributed, reproduced, or disclosed in whole or in part without prior written permission of RDA.

ESD Sensitivity

Integrated circuits are ESD sensitive and can be damaged by static electricity. Proper ESD techniques should be used when handling these devices.

Disclaimer

The information provided here is believed to be reliable; RDA Microelectronics assumes no reliability for inaccuracies and omissions. RDA Microelectronics assumes no reliability for the use of this information and all such information should entirely be at the user's own risk. Specifications described and contained here are subjected to change without notice on the purpose of improving the design and performance. All of this information described herein should not be implied or granted for any third party. RDA Microelectronics does not authorize or warrant any RDA products for use in the life support devices or systems.

Copyright©2005 RDA Microelectronics Inc. All rights reserved



For technical questions and additional information about RDA Microelectronics Inc.:

Website: www.rdamicro.com

Mailbox: info@rdamicro.com

RDA Microelectronics (Shanghai), Inc.

Tel: +86-21-50271108

Fax: +86-21-50271099

RDA Microelectronics (Beijing), Inc.

Tel: +86-10-63635360

Fax: +86-10-82612663