

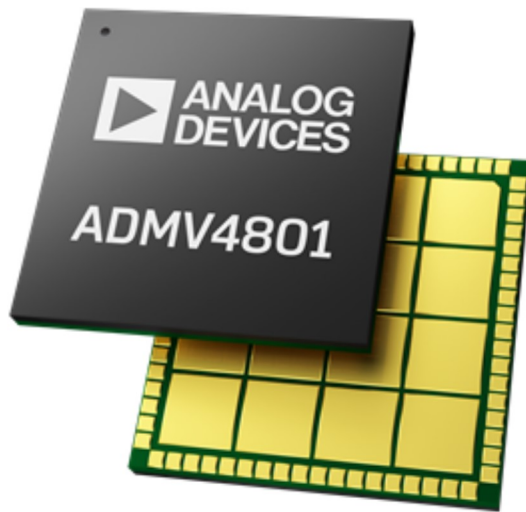


ADMV4801

24 to 29.5 GHz TX/RX
Beamformer



Recommended
for New Designs



Overview

Features and Benefits

- RF frequency range: 24GHz to 29.5 GHz, addressing n257, n258, n261 bands in one footprint
- 16 selectable TX channels
- 16 selectable RX channels
- Matched 50Ω single-ended RF inputs and outputs

- High resolution vector modulators for phase control
- High resolution DGAs for amplitude control
- Temperature compensation
- Memory for TX and RX beam positions
- 3GPP specification compliant
- Operation up to 95°C

Product Categories

[RF & Microwave](#)

[Beamformers](#)

[Vector Modulators](#)

For more information please contact ADI at mmWave5G@analog.com.

Product Lifecycle ☒ [Recommended for New Designs](#)

This product has been released to the market. The data sheet contains all final specifications and operating conditions. For new designs, ADI recommends utilization of these products.

Reference Materials

[View All \(3\)](#) [Product Selection Guide \(1\)](#) [Videos \(1\)](#) [Press Releases \(1\)](#)

Product Selection Guide

[RF, Microwave, and Millimeter Wave IC Selection Guide](#)

Videos



[Analog Devices' Next Generation 5G mmW Radio from Bits-To-Beams](#)

Press Releases

[Analog Devices Announces Breakthrough Solution to Accelerate mmWave 5G...](#)

Design Resources

ADI has always placed the highest emphasis on delivering products that meet the maximum levels of quality and reliability. We achieve this by incorporating quality and reliability checks in every scope of product and process design, and in the manufacturing process as well. "Zero defects" for shipped products is always our goal.



[ADMV4801 Material Declaration](#)



[Quality And Reliability](#)



[Symbols and Footprints](#)

Support & Discussions

ADMV4801 Discussions

[RE: ADMV4801 RX NF test condition?](#)

[RE: ADMV4801 multichip synchronization](#)

ADI Technical Support [Contact ADI Technical Support »](#)



[Ask your question »](#)

Sample & Buy

[Save to myAnalog](#)

Model	Package	Pins	Temp Range	Packing Qty	Price (100-499)	Price (1000+)	RoHS	Order from Analog Devices
ADMV4801BCCZ Request PCN/PDN Notification	LGA/CASON/CH ARRY SO NO LD	72	-40 to 85C	Tray, 31	-	-	Y Info	Contact ADI
Contact ADI								

[Egypt](#)

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[Price Table Help](#)