



Bringing More
Power to Diodes



New Product Guides

Bringing you next generation devices...

[Products](#) [Design Tools](#) [Applications](#) [Quality](#) [Corporate](#) [I](#)

Discrete



[Home](#) [Product Catalog](#) [Analog](#) [DBS](#) [GaAs FET bias generators](#) [Swit](#)

Diodes

- Schottky Diodes
- Zener Diodes
- Switching Diodes
- Schottky / SBR® Rectifiers
- Standard Rectifiers
- Fast / Super-Fast / Ultra-Fast Recovery Rectifiers
- Bridge Rectifiers
- Power Diodes (Stack)
- Rectifier Diodes
- Power Zener Diodes

SBR® (Super Barrier Rectifiers)

Transistors

- Transistor (BJT) Master Table
- NPN Transistors < 25V
- PNP Transistor < 25V
- Dual NPN Transistors < 25V
- Dual PNP Transistors < 25V
- NPN & PNP Transistor < 25V
- Transistors 30V to 50V*
- Transistors 55V to 100V*
- Transistors 120V to 200V*
- Transistors 300V to 500V*
- Gate Drivers
- Avalanche Transistors
- Pre-Bias Transistors
- Darlington Transistors
- Transistor and Schottky Combination
- H-Bridge
- Matched Pairs
- RF Transistors

MOSFETs

- N Channel
- 20V

ZXNB4201JA16

[Product description and datasheet](#)

[Features and applications](#)

[Product overview specs](#)

[Ordering i](#)

[Package c](#)

[Design To](#)

Environment Reports

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[Back to Top](#)

Product Overview Specs

Part Number	ZXNB4201JA16
LNA Bias Stages	3
Mixer Bias Stages	1
Vout (V)	5
Max. Total Load (mA)	80
Vp _{ol} (V)	14 - 15.5
FTone (kHz)	-
LNA V _{drain} (V)	2
LNA I _{drain} (mA)	0 - 15
Mixer I _{drain} (mA)	-
V _{g off} (V)	0
V _{neg} (V)	-2.5

[Back to Top](#)

30V
31V - 99V
≥ 100V
P Channel
20V
30V
31V - 99V
≥ 100V

Complementary Pair (N+P)
20V Complementary
30V Complementary
31V to 100V
Complementary
MOSFET plus SBR
MOSFET plus BJT
IntelliFET
H Bridge
SiMFET (Schottky
Integrated MOSFET)

Protection Devices

Zener TVSs
Thyristor Surge Protection
Devices (TSPDs)
Data Line Protection

Functional Arrays

Relay Drivers
Discrete - Load Switches
Discrete - Voltage
Regulators
Discrete - LED Drive
Solutions

Analog

Power Management ICs

Switching regulators
DC-DC Converters
(Internal switch)
Buck
Boost
Buck/Boost/Inverter
DC-DC Controllers
(External switch)
Buck
Boost
Buck/Boost/Inverter

Linear Regulators

Standard linear
regulators
Single LDOs
Dual LDOs

Power Switches

Load switches
USB switches
Single channel
Dual channel

Distributor Stock Information / Buy Now

Part Number	Distributor	Quantity	Inventory Date	Buy Online	Region
For available inventory on this part, please check with your local Distributor or Sales Representative.					

[Back to Top](#)

Package Outline Information

- QFN1633

[Back to Top](#)

Design Tools

- [Parametric Search](#)
- [Application Notes](#)
- [Design Notes](#)
- [Cross Reference](#)
- [Calculators](#)
- [Simulators / Examples](#)
- [Spice Models](#)

[Back to Top](#)

Products You Recently Viewed

[ZXNB4200JA16](#), [ZUMT491](#),
[SD107WS](#), [PDU620](#),
[MMBD4448DW](#)

[Product description
and datasheet](#)
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applications](#)
[Product overview
specs](#)

[Ordering information](#)
[Package outline
information](#)
[Additions](#)

- Power Supply Control
 - Synchronous MOSFET Controller
 - Active OR'ing Controller
- Chargers

Linear/Amps

- Op Amps
 - General purpose
 - High speed
- Comparators
- Current Monitors
 - Current output
 - Voltage output
- Voltage References
 - Shunt regulators
 - Shunt references
- Special functions
 - Timer ICs
 - Reset Generators
 - Siren Driver
 - Low Power Motor Control ICs
 - Current Mirror

Lighting ICs

- Lighting ICs for displays
 - Backlight Driver ICs
 - LCD and OLED Bias Generators
- High Brightness LED Drivers
 - LED Driver with Internal Switch
 - LED Driver with External Switch

Audio

- Direct Digital Feedback Amplifiers (DDFA™)
- Analog input amplifiers

DBS

- GaAs FET bias generators
 - Fixed bias generators
 - [Switched bias generators](#)
- DBS Controllers
 - Multiplexer controllers
 - Interfaces
 - Power Management
- Integrated IF switch matrix with gain and control

Sensors

- Temperature sensors
- AMR sensors
 - Angular
- Hall Effect

Switches

Unipolar

Omnipolar

Bipolar latches

Single output

Complementary
output

Smart Fan driver

Logic

Single Gate

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For optimum viewing, recommend a resolution o