



Bringing More Power to Diodes



New Product Guides

Bringing you next generation devices...

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Discrete



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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](#)

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Environment Reports

MDS Reports [Download](#)

Reliability Reports [Download](#)

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Product Overview Specs

Part Number	ZXNB4201JA16
LNA Bias Stages	3
Mixer Bias Stages	1
Vout (V)	5
Max. Total Load (mA)	80
Vp0l (V)	14 - 15.5
FTone (kHz)	-
LNA Vdrain (V)	2
LNA Idrain (mA)	0 - 15
Mixer Idrain (mA)	-
Vg off (V)	0
Vneg (V)	-2.5

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- 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.					

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Package Outline Information

- QFN1633

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Design Tools

- [Parametric Search](#)
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- [Cross Reference](#)
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- [Simulators / Examples](#)
- [Spice Models](#)

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Products You Recently Viewed

ZXNB4200JA16, ZUMT491, SD107WS, PDU620, MMBD4448DW

[Product description and datasheet](#)
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- 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

Ompipolar

Bipolar latches

Single output

Complementary
output

Smart Fan driver

Logic

Single Gate

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