

622Mbps, Low-Noise, High-Gain Transimpedance Preamplifier

Manufacturers	Analog Devices, Inc
Package/Case	TDFN-8
Product Type	Amplifier ICs
RoHS	
Lifecycle	



Images are for reference only

Please submit RFQ for MAX3658AETA or [Email to us: sales@ovaga.com](mailto:sales@ovaga.com) We will contact you in 12 hours.

[RFQ](#)

General Description

MAX3658AETA is a high-speed, low-power transimpedance amplifier (TIA) designed for use in fiber optic communication systems. It is manufactured by Maxim Integrated, a semiconductor company based in California, USA.

Features

High gain bandwidth product (GBP) of 5GHz

Low input-referred noise density of 1.5pA/√Hz

Low power consumption of 66mW

Wide input current range of -40mA to 40mA

Single 3.3V power supply operation

Application

MAX3658AETE+: This is the same as MAX3658AETA, but comes in a different package.

MAX3658AETM+: This is also the same as MAX3658AETA, but comes in a smaller package.

MAX3658BETA+: This is a similar TIA with slightly different specifications.



Related Products



[MAX9814ETD](#)

Analog Devices, Inc
QFN-14



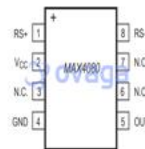
[MAX4332ESA](#)

Analog Devices, Inc
SOIC-8



[MAX478ESA](#)

Analog Devices, Inc
SOIC-8



[MAX4080FASA](#)

Analog Devices, Inc
SOP8



[MAX430CPA](#)

Analog Devices, Inc
PDIP-8



[MAX4291EUK+T](#)

Analog Devices, Inc
SOT23-5



[MAX4145ESD](#)

Analog Devices, Inc
SOP-14



[MAX4313ESA](#)

Analog Devices, Inc
SOIC-8