

Job Notification Form, IIT Delhi

Company Overview

Name: MaxLinear Technologies

Website: www.maxlinear.com

Company Type: Core (Technical)

Description: Company Overview
MaxLinear is a global, New York Stock Exchange-traded company (NYSE: MXL) where the entrepreneurial spirit is alive and well. We are a fabless system-on-chip product company, striving to improve the world's communication networks for everyone through our highly integrated radio-frequency (RF), analog, digital, and mixed-signal semiconductor solutions for access and connectivity, wired and wireless infrastructure, and industrial and multi-market applications.

We hire the best people in the industry and engage them in some of the most exciting opportunities that connect the world we live in today. Our growth has come from innovative, bold approaches to solving some of the world's most challenging communication technology problems in the most efficient and effective manner.

MaxLinear began by developing the world's first high-performance TV tuner chip using standard CMOS process technology. Others said we couldn't achieve the extremely high-performance requirements using CMOS, but we proved them wrong and achieved enduring global market leadership with our designs. Since then, we've developed a full line of products that drive 4G and 5G infrastructure; enable data center, metro and long-haul optical interconnects; bring 10Gbit to the home; power the IoT revolution; and enable robust and reliable communication in harsh industrial environments. Over the years, we've expanded through organic growth and through several acquisitions that have perfectly complemented our existing portfolio and enabled us to deliver complete end-to-end solutions in our target markets. One such example was the acquisition of Intel's Home Gateway Platform Division that added Wi-Fi, Ethernet, and Broadband Gateway Processor SoC technology to our connected home portfolio creating a complete and scalable platform of connectivity and access solutions to fully address our customers' needs.

Our headquarters are in Carlsbad, near San Diego, California. We also have major design centers in Irvine and San Jose, California; Vancouver, Canada; Valencia, Spain; Bangalore, India; Villach, Austria; Munich, Germany; Israel; and Singapore.

We have approximately 1,500 employees, a substantial majority of whom have engineering degrees and include masters and Ph.D. graduates from many of the premiere universities around the world. Our employees thrive on innovation, outstanding execution, outside-the-box thinking, nimbleness, and collaboration. Together, we form a high-energy business team that is focused on building the best and most innovative products on the market

Job Details

Designation: Senior Analog Design Engineer

Type: Core (Technical)

Place of Posting: Bangalore

Job Details: Job Description:

- Integrated Circuit design for High-Performance Analog ICs
- Work with High Performance Analog and Systems engineers to translate system level specifications to circuit level specifications, and use deep knowledge of state-of-the-art circuit techniques to optimize the system architecture
- Work with architecture, design, verification and physical design engineers to integrate and verify the design at IC top level
- Take designs from product definition through tapeout, characterization, and release to high-volume production with high yields and robust performance

Required Skills:

- Must have good working knowledge of Analog building blocks such as Op-amps, ADCs, DACs, LDOs, Xtal oscillators
- Must have understanding of Analog and Digital IC design, device physics, exposure to industry-standard simulation and design tools, such as Spectre, Spectre RF, Virtuoso, and Matlab
- Willingness to explore different systems like Power Management, Serial transceivers etc and a good team member

Joining By: 1 August 2022

Salary Details

CTC: 1,600,000 INR Per Annum

Gross: 1,523,680 INR Per Annum

CTC Breakup: M.Tech - 2 year M.S - 3 year

Component Description	Annual ₹	Annual ₹
Take Home Components Basic	₹ 636,000	₹ 696,000
House Rent Allowance	₹ 254,400	₹ 278,400
Leave Travel Allowance	₹ 79,500	₹ 87,000
Flexible Allowance	₹ 198,000	₹ 198,000
Special Allowance	₹ 355,780	₹ 407,080
Total Base Salary	₹ 1,523,680	₹ 1,666,480
Retirement Benefits PF - Company Contribution	₹ 76,320	₹ 83,520
CTC Fixed Cost to the Company per Year	₹ 1,600,000	₹ 1,750,000

Perks / Bonus:

Bond: Yes

Selection Process

Resume Shortlist: Yes

Written Test:	No
Online Test:	No
Group Discussion:	No
Medical Test:	No
Personal Interview:	No
No. of Rounds:	2
No. of Offers:	2

Eligibility

Recruiting PHDs:	No
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Eligible Departments:	M.Tech in Communications Engineering, M.Tech in Control & Automation, M.Tech in Instrument Technology, M.Tech in Integrated Electronics & Circuits, M.Tech in Power Electronics, Electrical Machines & Drives, M.Tech in Power Systems, M.Tech in Radio Frequency Design & Technology, M.Tech in Telecommunication Technology & Management, M.S.(R) in Electrical Engineering, M.S.(R) in Telecommunication Technology and Management
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