

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: Staff RF/MS IC Design Engineer

Type: Core (Technical)

Place of Posting: Bangalore

Job Details: Responsibilities:
MaxLinear is seeking a Doctoral graduate for an Analog RF/MS IC Design Engineer position. You will be working with a team of world-class RF/analog engineers designing advanced broadband communication SOCs. These chips integrate complete RF and Digital systems (including broadband RF/analog circuits, digital ASIC, and CPU subsystems) on a single die, and are being designed in most cutting edge deep-submicron CMOS processes for use in next-generation wireless, optical, and wireline systems. You will provide your team with critical contributions to design, debug and production ramp of these products. Working at MaxLinear will offer you oversight of the entire product development cycle, while fully challenging your ability to develop complex block and system-level designs. You will gain product expertise and collaborate closely with other engineering teams to make the overall product successful. Exposure to diverse design and product related problems and being involved in their solutions will push enhance capability and career. You will be closely mentored to reach your career objectives while delivering on product goals.

Qualifications

We are looking for engineers who are self-starters with exposure to analog IC design. Course work with exposure to designs such as Low Noise Amplifiers, Voltage Controlled Oscillators, Operational amplifiers and feedback circuits will be necessary. Qualifications required for this position include:

Good understanding of analog circuit design basics

Passion for IC design

Ability to communicate technical results clearly and succinctly

Joining By: 1 August 2022

Salary Details

CTC: 2,000,000 INR Per Annum

Gross: 1,903,520 INR Per Annum

CTC Breakup: Component Description PhD
Take Home Components Basic ₹ 8,04,000
House Rent Allowance ₹ 3,21,600
Leave Travel Allowance ₹ 1,00,500
Flexible Allowance ₹ 1,98,000
Special Allowance ₹ 4,79,420
Total Base Salary ₹ 19,03,520
Retirement Benefits PF - Company Contribution ₹ 96,480
CTC Fixed Cost to the Company per Year ₹ 20,00,000

Perks / Bonus: 15% of Gross

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:** 1

Eligibility

**Recruiting
PHDs:** Yes

**Eligible
Departments:**