Company: Company Name: **Nature Of Business:**

Qualcomm India Pvt Ltd Qualcomm India Pvt Ltd

Semi Conductor

Engineer- Modem Firmware Engineer

Tentative Job Location : Hyderabad

Description:

Designation

Team	Modem FW Engineer
Organization	Qualcomm Technologies, Inc. (www.qualcomm.com)
Job Area	Engineering
Location	Hyderabad
Educational Requirements	Master's in Electrical Communications Engineering
Overview	 The Firmware Team at Qualcomm India: Develops highly optimal drivers for the proprietary hardware that lies at the heart of all of Qualcomm's leading-edge offerings Contributes to hardware conceptualization and choices for optimal performance Works closely with the Layer 1 protocol engineers to design protocol-compliant state machines to control the hardware Collaborates closely with hardware, systems and test engineers during all cycles of product development Designs in new features to keep Qualcomm chips competitive in an ever-evolving marketplace It is expected that the engineers: Are adept at C-programming and can develop real-time embedded software for proprietary DSPs
	 Understand capabilities of hardware blocks like codecs, RFICs and their interfaces with software Appreciate 3GPP/IEEE spec requirements to develop drivers that program the hardware for 2G through 5G and for WLAN PHY Develop signal processing algorithms which are essential for modem performance Knowledge of Digital Signal Processing Concepts Digital Communications Theory/C and MATLAB programming are essential.

	BT	No No	No No	No	No	No N	1o -	-												
	BS				No -		- 1	No	No	No	No									
	MT	No No	No No	No	Yes No	No N	lo -	-					No			No	No	No	Yes	
	DoubleMajor	No No	No No	No	No	No N	lo N	No	No	No	No									
	dual	No No	No No	No	Yes No	No N	lo l	No	No	No	No									
Eligibilty:	dualB	No No	No No	No	Yes	No N	lo N	No	No	No	No		No			No		No	Yes	
	dualC	No No	No No	No	Yes No	No N	lo l	No	No	No	No	No	No							
	Mdes						-	-				No								
	MBA						-	-					No							
	Phd	No No	No No	No	No No	No N	lo N	No	No											

Program AE BSBE CE CHE CSE EE ES ME MSE PHY CHM MTH ECO DES IME CGS HSS EEM MSP NET PSE Stats

MSc						No	No	No	 	 	 	 		No
MSR	No No	No No	No	Yes	No No				 	 No	 	 	Yes	

Component	Amount
Total Gross Pay	INR 15.00 L
Retirals (PF and Gratuity)	INR 0.90 L
Performance Bonus*	INR 0.75 L
Joining Bonus	INR 9.60 L
Relocation Bonus (Paid within 60 days)	INR 0.50 L
Restricted Stock Value Awards (Vesting in 3 years)***	INR 12.00 L (\$ 16000)
Retention Bonus (Paid after 12 months)	INR 5.00 L

Cost to Company:

Package Details:

Duration: Additional

Information:

*Based on individual & Organization Performance || **RSV -33% vesting every year

 $\label{eq:Additional Benefits: Relocation Assistance , Insurance , Transportation . \\$

\$1=INR75

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CGPA > 7

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\$1=INR75 Bond: False **CPI CutOff:** 0.0 Medical Requirments NA Resume True **Shortlist:** Resume **Shortlist** N/A Criteria: **Aptitude** True Test: **Aptitude** Test 45 mins **Duration:** Group **False** Discussion: **Technical** True **Test: Technical** 45 mins Test **Duration: Technical** True Interview: **Technical** 3:00hrs Interview **Duration:** Number of **Techincal** 3 Interview **Rounds:** HR True Interview: HR 30 mins Interview