

Proforma

Companies open to your department

Company : Taiwan Semiconductor Manufacturing Company
Company Name : Taiwan Semiconductor Manufacturing Company
Nature Of Business : Semiconductor
Designation : Design/process co-optimization and R&D Engineer
Tentative Job Location : Hsinchu City, Taiwan

Responsibilities

- R&D in 5nm/3nm/3DIC/HPC design and process co-optimization
- EDA enablement, design Å and sign-off methodology development
- R&D, innovation and path-finding
- Quality infrastructure development and project/program management
- Customer design flow support

Requirements

- Description :
- Familiar with process fabrication, CAD, algorithm, EDA tool, APR, timing, IR/EM, low power, physical verification, device modeling , Å VLSI chip implementation or 3DIC
 - Innovative and prolific in patent filing or paper publication
 - Timing/power sign-off methodology and library characterization
 - IR-dorp analysis, power calculation, DC and AC Electro-migration check and fixing
 - 3DIC innovation, implementation, optimization, process design kit and system design solution
 - Quality infrastruce development, quality control and project/program management

Department BT BS MT DoubleMajor dual dualB dualC Mdes MBA Phd MSc MSR

Eligibilty :

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

Item (Annual)	Master Degree	Ph.D. Degree
GROSS	\$Å Å Å Å Å Å Å Å Å Å Å Å Å Å Å 49,813	\$Å Å Å Å Å Å Å Å Å Å Å Å Å Å Å 68,160
CTC	\$Å Å Å Å Å Å Å Å Å Å Å Å Å Å Å 58,913	\$Å Å Å Å Å Å Å Å Å Å Å Å Å Å Å 84,400

Cost to Company :

Currency: USD

Package Details :

- Including 12 months base pay, 2 months Year-end bonus, 18 months Profit Sharing, Design Incentive Bonus, 2 months relocation bonus, 4-6 months sign on bonus.
- Base Salary, Year-end bonus, Design Incentive Bonus are fixed and recurring.
- Profit SharingÅ is minimum amount for an average performance (i.e. top 50%) and recurring.
- Relocation and sign on bonus are one shot paid after onboard.

Bond :

True

Bond Details :

24 months

Medical Requirements :

Resume Shortlist :

True

Resume Shortlist Criteria:

N/A

Aptitude Test:

False

Group Discussion:

False

Technical Test:

False

Technical Interview:

True

Technical Interview Duration:

60 mins

Number of Techincal Interview Rounds:

1

HR Interview:

True

HR Interview Duration:

60 mins