

Company :
Company Name :
Nature Of Business :
Designation :
Tentative Job Location :

Taiwan Semiconductor Manufacturing Company
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Semiconductor
Design/process co-optimization and R&D Engineer
Hsinchu City, Taiwan

- Responsibilities

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

- Description :

Requirements

- Familiar with process fabrication, CAD, algorithm, EDA tool, APR, timing, IR/EM, low power, physical verification, device modeling , 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

	Program	AE	BS	BE	CE	CHE	CSE	EE	ES	ME	MSE	PHY	CHM	MTH	ECO	DES	IME	CGS	HSS	EEM	MSP	NET	PSE	Stats
	BT	No	No		No	No	No	No	--	No	No	--	--	--	--	--	--	--	--	--	--	--	--	--
	BS	--	--		--	--	--	--	No	--	--	No	No	No	No	--	--	--	--	--	--	--	--	--
	MT	No	No		No	No	Yes	Yes	No	No	Yes	--	--	--	--	--	No	--	--	No	Yes	No	Yes	--
	DoubleMajor	No	No		No	No	No	No	--	No	No	No	No	No	No	--	--	--	--	--	--	--	--	--
	dual	No	No		No	No	Yes	Yes	No	No	Yes	No	No	Yes	No	--	--	--	--	--	--	--	--	--
Eligibilty :	dualB	No	No		No	No	Yes	Yes	--	No	Yes	No	No	Yes	No	--	No	--	--	No	--	No	Yes	--
	dualC	No	No		No	No	Yes	Yes	No	No	Yes	No	No	Yes	No	No	No	--	--	--	--	--	--	--
	Mdes	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
	Phd	No	No		No	No	Yes	Yes	No	No	No	No	No	Yes	No	No	No	No	No	No	No	No	No	Yes
	MSc	--	--		--	--	--	--	--	--	--	No	No	Yes	--	--	--	--	--	--	--	--	--	Yes
	MSR	No	No		No	No	Yes	Yes	--	No	Yes	--	--	--	--	--	--	No	--	--	--	--	Yes	--

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

Cost to Company :

Currency: USD

- 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.

Package Details :
 - Base Salary, Year-end bonus, Design Incentive Bonus are fixed and recurring.
 - Profit Sharing 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 :
CPI CutOff :
Bond Details :
Medical Requirments :
Resume Shortlist :
Resume Shortlist Criteria:
Aptitude Test:
Group Discussion:
Technical Test:
Technical Interview:
Technical Interview

True
0.0
24 months

True

N/A

False
False
False
True

60 mins

Duration:
Number of
Techincal
Interview
Rounds:
HR
Interview:
HR
Interview
Duration:
Additional
Information:

1
True
60 mins