

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

Taiwan Semiconductor Manufacturing Company
Taiwan Semiconductor Manufacturing Company
Semiconductor
Process Design/APR Engineer
Hsinchu City, Taiwan

- Description :
- Responsibilities

1. Block level Physical Design from floorplan, CTS, P&R, Performance/Power/Area Optimization, Timing Closure, EM/IR and PV fixes, design signoff.

2. Using leading edge technology node with high design complexity including multi-million instance count and multi power domains.

3. Self-motivated, strong ownership and commitment, quick learner, and good teamwork.

- Requirements
1. Mathematical is also okay and willing to learn physical design / signoff / flow and research for new solutions.

2. Familiar with AI/ML technology is a plus.

3. Familiar with Script languages (shell, python, perl, TCL) or C/C++ is a plus.

4. Familiar with P&R, IREM, physical verification and timing signoff is a plus.

Eligibility :	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	Yes	No	Yes	No	--	--	--	--	--	--	--	--	--
	dualB	No	No		No	No	Yes	Yes	--	No	Yes	Yes	No	Yes	No	--	No	--	--	No	--	No	Yes	--
	dualC	No	No		No	No	Yes	Yes	No	No	Yes	Yes	No	Yes	No	No	No	--	--	--	--	--	--	--
	Mdes	--	--		--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--	--
	MBA	--	--		--	--	--	--	--	--	--	--	--	--	--	--	No	--	--	--	--	--	--	--
	Phd	No	No		No	No	Yes	Yes	No	No	No	Yes	No	Yes	No	No	No	No	No	No	No	No	No	Yes
	MSc	--	--		--	--	--	--	--	--	--	Yes	No	Yes	--	--	--	--	--	--	--	--	--	Yes
	MSR	No	No		No	No	Yes	Yes	--	No	Yes	--	--	--	--	--	--	No	--	--	--	--	Yes	--

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

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 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 :

True
0.0
24 months

Medical Requirments :
Resume Shortlist :
Resume Shortlist Criteria:
Aptitude Test:
Group Discussion:
Technical Test:
Technical Interview:
Technical Interview Duration:
Number of Techincal Interview Rounds:
HR

True
N/A
False
False
True
60 min
1
True

Interview:
HR
Interview
Duration:
Additional
Information:

60 min