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JOB DESCRIPTION, ROLE & RESPONSIBILITIES

POSITION TITLE: Senior Engineer/Engineer – Physical Design
LOCATION: Noida/ Bangalore/ Hyderabad/ Ahmedabad

ROLE & RESPONSIBILITIES

- Engineer will be responsible for floor-planning, timing constraints, physical synthesis, formal verification, clock tree optimization, routing, extraction, timing closure, DFT, Antenna fixing & signal integrity, Power grid analysis atc in ASIC PNR Flow
- Engineer will be responsible for executing the block level place and route assignments from Netlist through GDS flow
- Should be able to do full chip implementation of complex SoCs (RTL-to-GDSII), but it is not must.
- To close STA timing across all corners and modes for blocks and should be able to generate ECO independently.
- Will be responsible to Work with design teams for closing CTS, IO timing, DFT timing.
- Responsible for digital design automation, flow-automation and regression across RTL-to-GDSII.
- To ensure successful delivery of his block(s) to customers

ESSENTIAL SKILLS & EXPERIENCE

- Minimum 5 year's experience in Physical Design.
- Strong fundamentals on Physical design including Floorplan, power grid analysis, placement, cts, routing, DRC-LVS closure, timing closure, antenna fixing, signal integrity on 65nm, 45nm, 28nm, 16nm geometry.
- Sound expertise in Tcl, Perl, Shell scripting. Technically sound & good team player
- Hands-on experience with Place and Route tools (Synopsys - ICC, Cadence – Innovus / Encounter) is a must.
- Experience on latest technology (28nm,16nm,7 nm)

EDUCATION BACKGROUND

- B.E./ B.S./ B.Tech/ M.S./ M.Tech in VLSI/Electronics/Electrical/Computer/Instrumentation Engineering.

ABOUT eInfochips (An Arrow Company):

eInfochips, an Arrow company (A \$30B, NASDAQ listed (ARW); Ranked #102 on the Fortune List), is a leading global provider of product engineering and semiconductor design services. 25+ years of proven track record, with a team of over 2500+ engineers, the team has been instrumental in developing over 500+ products and 40M deployments in 140 countries. Company's service offerings include Silicon Engineering, Embedded Engineering, Hardware Engineering & Digital Engineering services. eInfochips services 7 of the top 10 semiconductor companies and is recognized by NASSCOM, Zinnov and Gartner as a leading Semiconductor service provider.