

RTL DESIGN

SERIALIZER/DESERIALIZER

6 MONTHS INTERN AT SYNOPSYS HYDERABAD

Work Accomplished till Date

1. 32 Gbps SERDES Functional Blocks:

- Gained foundational knowledge of SerDes (Serializer/Deserializer).

2. Linux & Perforce:

- Familiarized with basic Linux commands.
- Began utilizing Perforce for version control.
- Adapted to the shell environment for workflow management.

3. Transmission Protocols:

- Focused on the working of PAM4 architecture (Peripheral Component Interconnect Express 6/7).

SUBMITTED BY: P R MADHU VARSHAN

ECE-A

108121067

Ramakrishna.U

SIGNATURE OF MANAGER

RAMAKRISHNA UPPALAPATI

SIGNATURE OF GUIDE

DR. B. CHANDRABABU NAIK

THANK YOU
