

Memory Design - 3nm

Customer : The customer is a tier-1 company.

Project : Memory Design on 3nm

Mirafrá's Responsibility :

- Global control design from scratch for Dual rail power implementation
- Driver power management, Standby operation support and ISO control for power saving.
- Analyzing the peak current and current distribution across the whole memory macro.
- Monte-Carlo simulations, ,frontend/backend view generation and QA.
- Signoff with the characterization across PVT corners.

Tools used : Virtuoso (Cadence), Finesim(Synopsys), Solido (Mentor Graphics)