INTERFACES & MIXED-SIGNAL

GSH-130A

Analog socket contract; digital management; calibration firmware path; AMS smoke flow; PEX/LVS/ERC/PVT collateral.

IP-004 · Qualified release · Release-specific physical views

Function and architecture

- Analog socket contract
- digital management
- calibration firmware path
- AMS smoke flow
- PEX/LVS/ERC/PVT collateral

Integration summary

GSH-130A integration role: Mixed-signal harness variant. Documented composition: Analog socket contract; digital management; calibration firmware path; AMS smoke flow; PEX/LVS/ERC/PVT collateral..

Technical record

Canonical identity	IP-004
Responsibility	Mixed-signal harness variant
Documented building blocks	Analog socket contract; digital management; calibration firmware path; AMS smoke flow; PEX/LVS/ERC/PVT collateral.
Delivery boundary	Release-specific physical views
Evidence scope	Qualified release

Delivery and release binding

- Interface version and parameter set
- Clock/reset domains and integration constraints
- Companion memory, PHY and software requirements
- Verification collateral and acceptance criteria

Confirm for the selected release: Node/library binding, Clock/reset limits, Physical and protocol dependencies, Artifact hashes, Acceptance criteria.

Evidence and qualification

The controlled GSH D/A ledger records frozen openframe signoff/submission-ready variants. Exact release documentation controls the offer.

Control/model IP does not establish analog PHY, electrical, RF or standards compliance. Qualified third-party or foundry collateral may be required.

Canonical status: Engineering build-spec family

Evaluation and licensing

Evaluation: Evaluate an individual IP configuration. Production: Named-design production license. Custom work: Node binding or derivative integration. Rights, pricing, support and acceptance criteria are agreed for the exact scope.

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