

# GSH-130D

Digital user socket; GFI; management; reset isolation; DMA; trace; DFT; GPIO/debug; physical contract.

IP-003 · Qualified release · Release-specific physical views

## Function and architecture

- Digital user socket
- management
- reset isolation
- GPIO/debug
- physical contract

## Integration summary

GSH-130D integration role: Digital harness variant. Documented composition: Digital user socket; GFI; management; reset isolation; DMA; trace; DFT; GPIO/debug; physical contract..

## Technical record

|                            |                                                                                                        |
|----------------------------|--------------------------------------------------------------------------------------------------------|
| Canonical identity         | IP-003                                                                                                 |
| Responsibility             | Digital harness variant                                                                                |
| Documented building blocks | Digital user socket; GFI; management; reset isolation; DMA; trace; DFT; GPIO/debug; physical contract. |
| 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

Source basis: Bible v7.42 IP-003

## **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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