FABRIC & CONNECTIVITY

FPP Mechanical Fabric

Mechanical architecture addressing package expansion and warpage within FPP.

IP-162 · Architecture IP · Architecture

Function and architecture

- Package coefficient-of-thermal-expansion considerations
- Warpage and mechanical-fabric architecture
- Integration with the common FPP package model

Integration summary

FPP Mechanical Fabric integration role: Mechanical/CTE/warpage fabric. Documented composition: One of the co-designed package fabrics / bridge hierarchy.

Technical record

Canonical identity	IP-162
Responsibility	Mechanical/CTE/warpage fabric
Documented building blocks	One of the co-designed package fabrics / bridge hierarchy
Delivery boundary	Architecture
Evidence scope	Architecture IP

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

Canonical technology and its architecture/integration role are recorded. The offered delivery is confirmed against the exact release before licensing.

No node-port, silicon-performance, standards certification or analog qualification is inherited from a related product.

Canonical status: Architecture

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.

Contact: patrick@garmolabs.com | Product path: /ip/fpp-mechanical-fabric