IC-DASH
ACCELERATION & SERVICES HUB

ChipsJU

EuroCDP

CONTEXT OF EU CHIPS ACT

Under the European Chips-Act, **EuroCDP** strengthens the European semiconductor ecosystem by removing technical and financial barriers to the design of cutting-edge chips. Its **Design Enablement Teams (DETs)** offer accelerated prototyping and pre-industrialization of chips through an integrated one-stop shop, enabling European fabless semiconductor companies to scale up faster and become globally competitive.

IC-DASH – KEY HIGHLIGHTS

Based in France, the DET, IC-DASH operates as an **IC-design Acceleration Hub** supporting European fabless companies across the entire chip development journey – turning innovative ideas into market-ready silicon.

- ❖ **10 expert partners** covering the full supply chain
- ❖ **Embedded & edge chip design** made accessible
- ❖ Tailored for **startups, SMEs, and industrial players**
- ❖ Faster **time-to-market** with industrial-ready silicon solutions

cea   SIPEARL   Capgemini   IC'ALPS   PRESTO Engineering   CIME-P

SIEMENS   EASii IC   SERMA ID MOS   SYNERGIE CAD PSC Partner SEMICONDUCTORS

WHY IC-DASH STANDS OUT ?

- • **Secure cloud-based** design environment
  - ❖ Chip design platform ensuring protected and efficient development.
- • **Industrial** Emulation platform
  - ❖ Early validation and fast iteration before tapeout.
- • **End-to-end** chip design services
  - ❖ Expert support from specification to fabrication readiness.
- • **Access to** Cutting-Edge Technologies
  - ❖ Power-efficient technologies, and more.
- • **Integrated** supply chain management
  - ❖ Access to fabs, pilot lines, packaging and testing facilities, and supply chain management services.
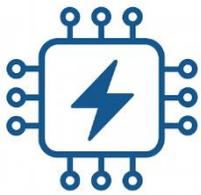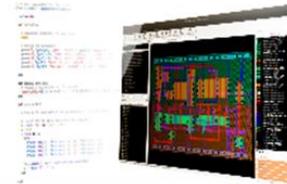
KEY FEATURES

Need analysis
Architecture review

CLOUD + EMULATION PLATFORM
➢ Setup and optimization of design flows
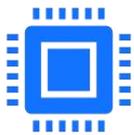➢ Functional verification of ICs

DESIGN SERVICES
➢ Expert consulting services
➢ Spec. to GDSII

GDSII

Full end-to-end support across the entire chip design value chain
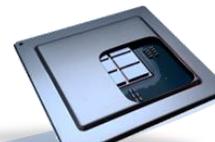
FOUNDRY ACCESS
➢ MPWs, full reticle

PACKAGING AND ASSEMBLY
➢ Specifications and design

ELECTRICAL TEST ON WAFER & PACKAGE & PRODUCTION
➢ Post silicon validation
➢ Test planning and execution up to volume production

Custom solution
Supply chain management

Quality Certifications: EN9100 (MilAero), Common Criteria (Security), ISO13485 (Medical), IATF16949 (Automotive), ESA, ISO9001

Product Certifications: DO160, DO178-C, DO254 Dal-x, ISO26262 ASIL-X, ISO 21434

APPLICATIONS

IC-DASH targets application-driven needs requiring **custom semiconductor components**, with a strong focus on **embedded and edge systems**. It supports sectors such as **aerospace, automotive, security, and medical**, where optimized, application-specific chips, **leveraging SOI technology expertise,** are essential. IC-DASH enables companies, **especially startups and growing SMEs**, to design **tailored, energy-efficient, and low-power solutions**, aligned with real industrial constraints and faster market deployment.