FROBAS DIGITAL POWER COMPETENCE

Digital Power Project experience

➢ Power architectures
  - DC-DC
  - AC-DC
  - Single stage Flyback with PFC functionality
  - Dual stage Flyback with boost PFC

➢ Tasks
  - Application concept
  - Board design, component selection and dimensioning
  - XDP™ / XMC™ IC configuration and parametrization
  - Modeling and simulation
  - FW development and unit testing
  - HW development (including transformer / inductor dimensioning and assembly), demonstrator / evaluation boards
  - Manual / Automated testing
  - Documentation
FROBAS: COMPREHENSIVE XDP™ KNOW-HOW

FROBAS: Infineon Digital Power Partner – since 2012!

➢ Developing XDP™ Products Since Day 1
➢ Implemented FB, Inverted Buck and PFC+FB topologies
➢ Co-developed XDPL8105 and XDPL8220
➢ Demo and reference board design and assembly
➢ GUI Development for product customization
FROBAS: XDP™ DIGITAL POWER EXPERTS

Plug Frobas and XDP™ and play

You can expect quick and focussed XDP™ Support, as we know

- ... all XDP™ Products
- ... how to design boards with XDP™
- ... how to configure XDP™ Products
- ... the complete XDP™ tool chain
FROBAS DIGITAL POWER EXPERIENCE AT A GLANCE

Digital Power management from blueprint to go-to-market

➢ Application concept
➢ Control algorithm concept and design
➢ System simulation and prototyping
➢ PCB design with component selection
➢ FW concept and implementation
➢ Application/product verification and validation
➢ Demo and reference board design and assembly
➢ GUI Development for product customization
➢ Product customization and design-in
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