



Digital Power Competence since 2012



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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