



Power Semiconductors

TDA 16888

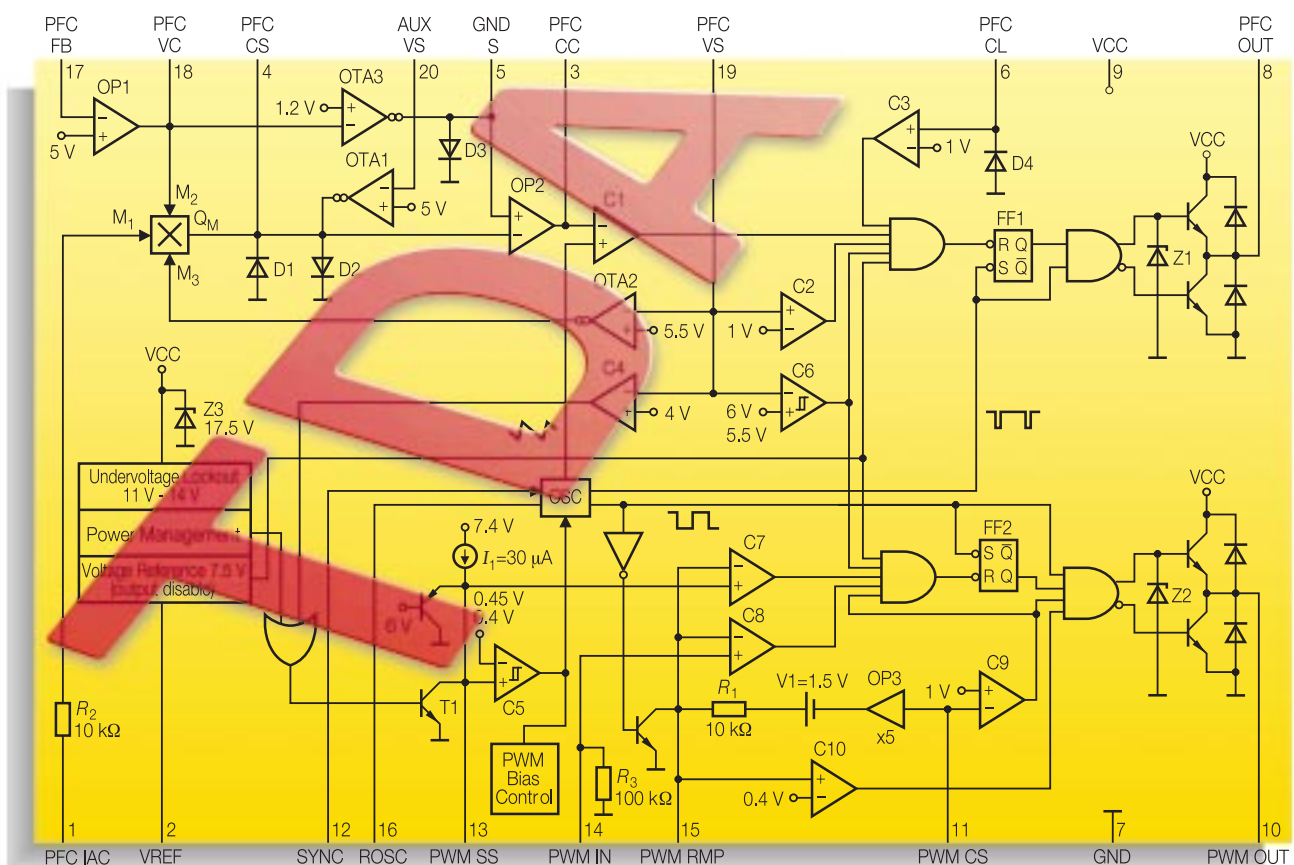
High Performance Power Combi Controller

TDA 16888 – High Performance Power Combi Controller

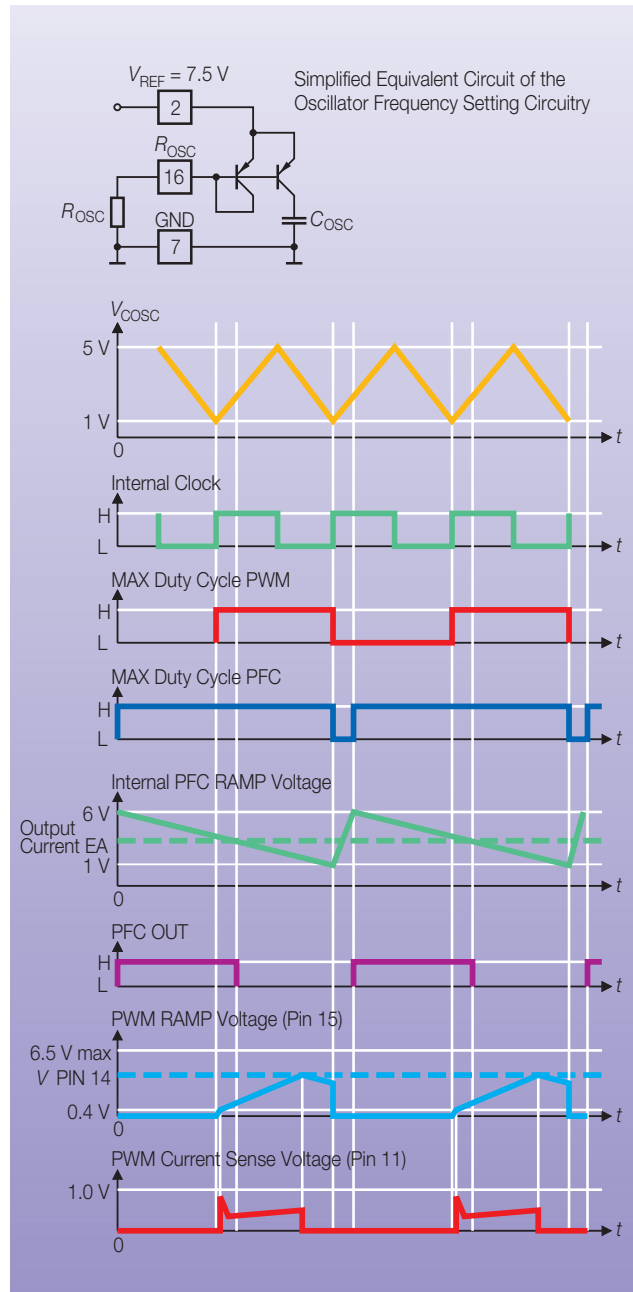
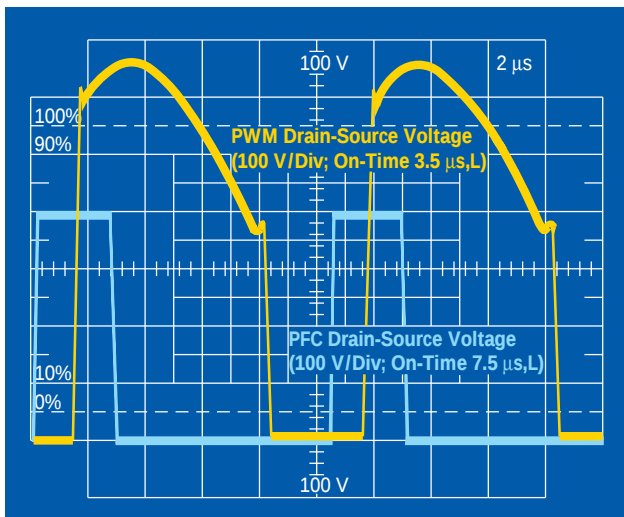
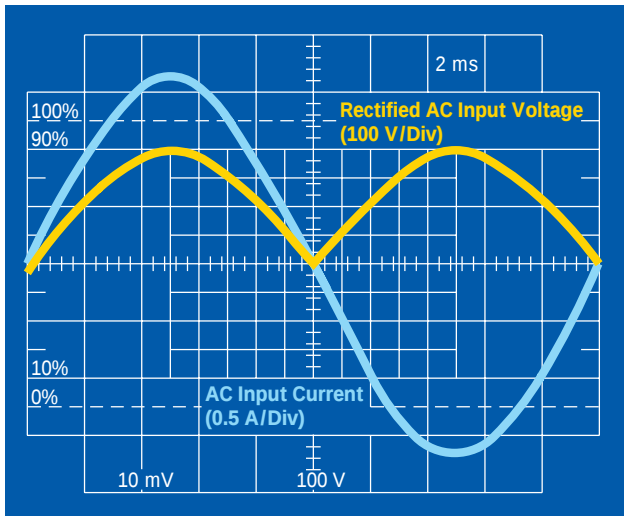
Main Features and Benefits

Features	Benefits
High Performance System Solution	Save System Costs
Low Standby Power Consumption	Lower Losses
Improved Current Mode Control	High Reliability
Driving Stages for Power MOSFET and IGBTs	Save System Costs
PFC can be used as Auxiliary Power Supply	Save System Costs
Designed by FMEA Rules	High Reliability
IEC 1000-3 Compliant (High Power Factor)	Meets Global Requirements
External Synchronization Port	Flexible Applicability

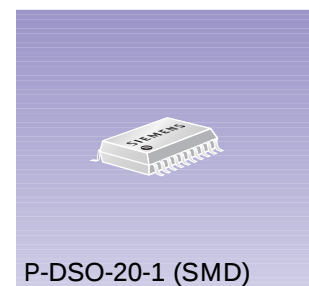
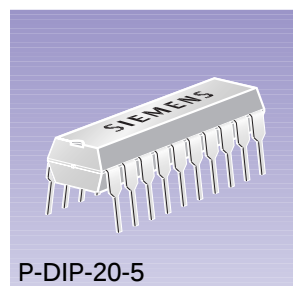
Block Diagram of TDA 16888



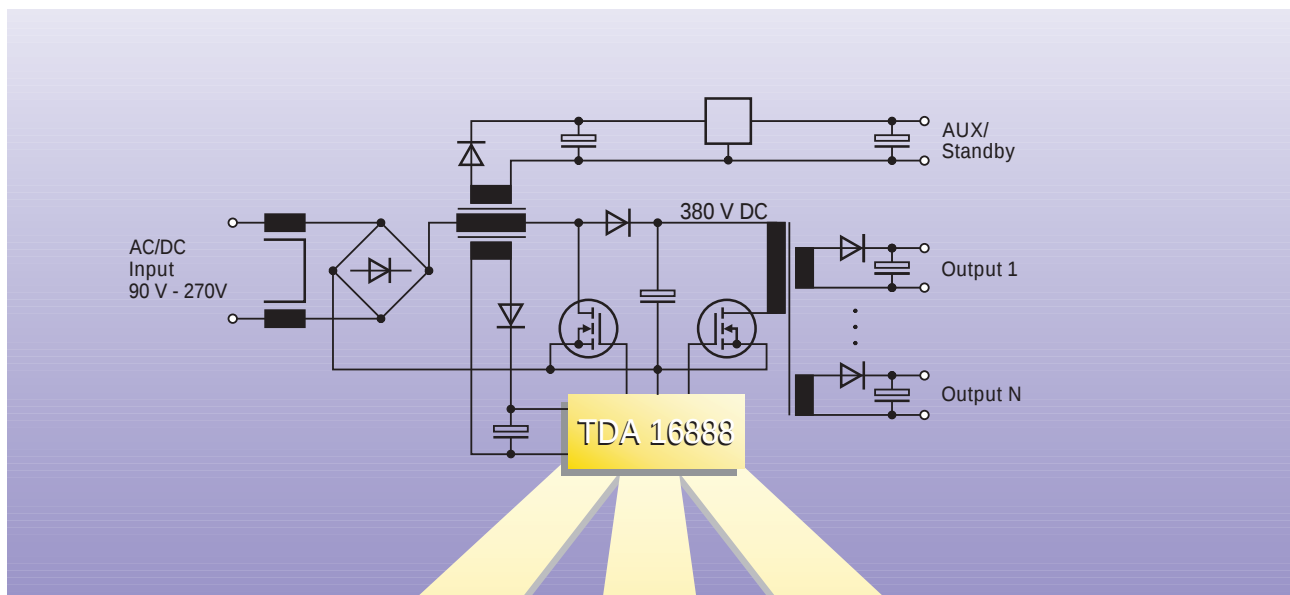
Typical Shape of Signals



Type	Ordering Code	Package
TDA 16888	Q67000-A9284-X201-K5	P-DIP-20-5
TDA 16888G	Q67000-A9310-A702	P-DSO-20-1



TDA 16888 Designed for New Generations of OFF LINE Power Supplies with Universal Line Input and Power Factor Correction



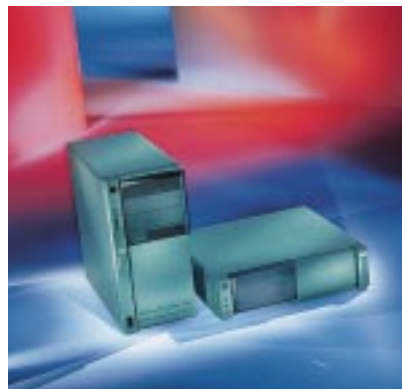
Basic Application Circuitry

Usable for Different Topologies

Multioutput Flyback Converter

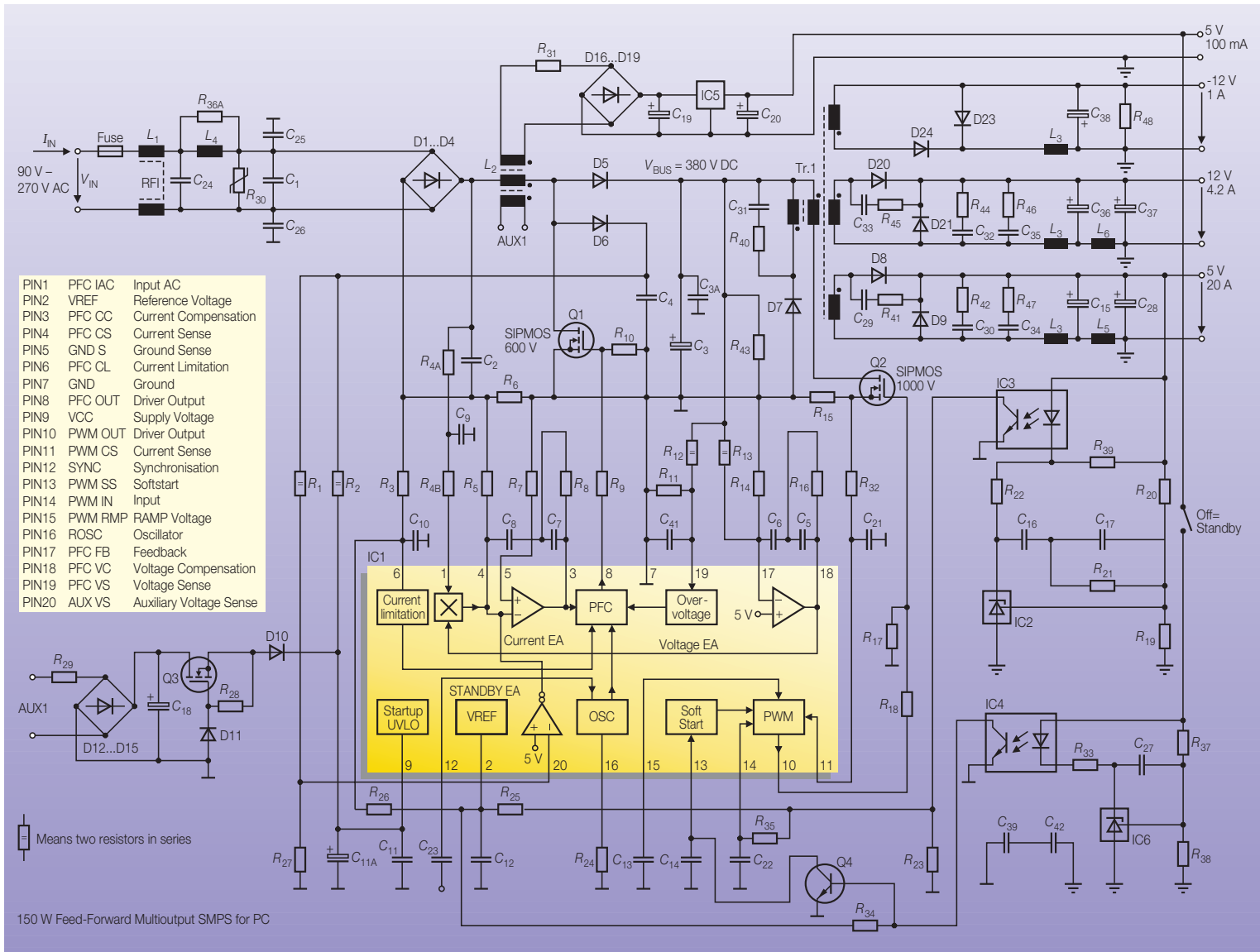
Multioutput Feed Forward Converter

Multioutput Flyback Converter (with external synchronisation)



TDA 16888 – High Performance Power Combi Controller

Application Circuitry



Available Customer Support

- IC Samples
- Demoboards for Main Applications
- Data Sheet
- Application Notes

