

# Power Solutions for XILINX FPGAs & SoCs

## Wide Selection of DC/DC power products for FPGAs

Infineon has a wide range of DC/DC power products for Xilinx FPGA/SoC families: Artix, Zynq, Spartan, Kintex, Virtex.

Shown below are designs options for Spartan 6 FPGA Family.

### HIGHLIGHTS

#### Scalable Design Options for Spartan 6

Infineon offers several combinations of Analog and Digital POL DC/DC with Integrated FETs can be combined to design a flexible solutions.

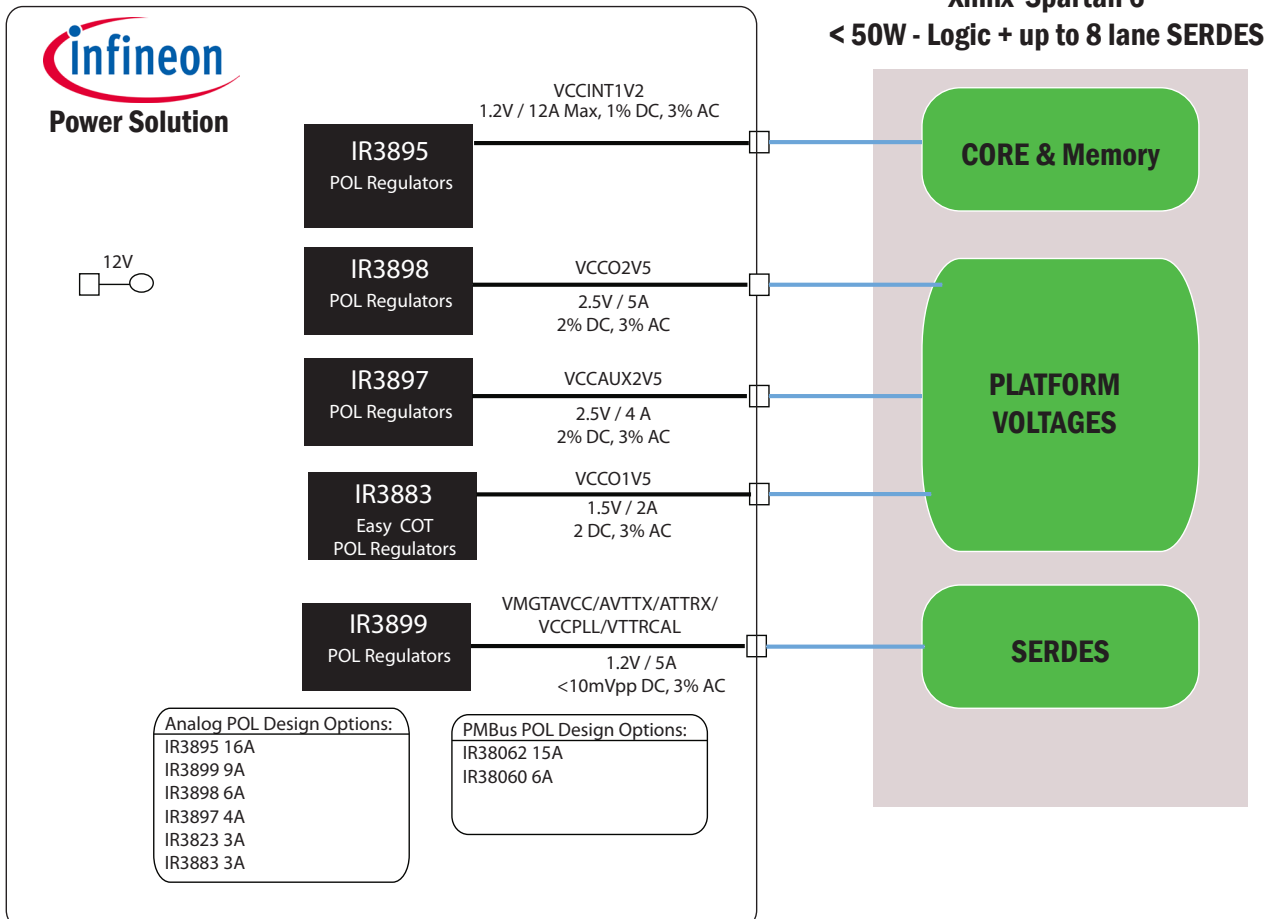
Show below are DC/DC designs for various power budgets from 10W to 50W.

## Spartan 6

Spartan 6 -		<20W No SERDES		
		voltage	current	power
Rocky IRPS5401 (Q4 2016)	VCCINT1V0	1	4	4
	VCCO2V5	2.5	3	7.5
	VCCAUX2V5	2.5	2	5
	VCCO1V5	1.5	2	3

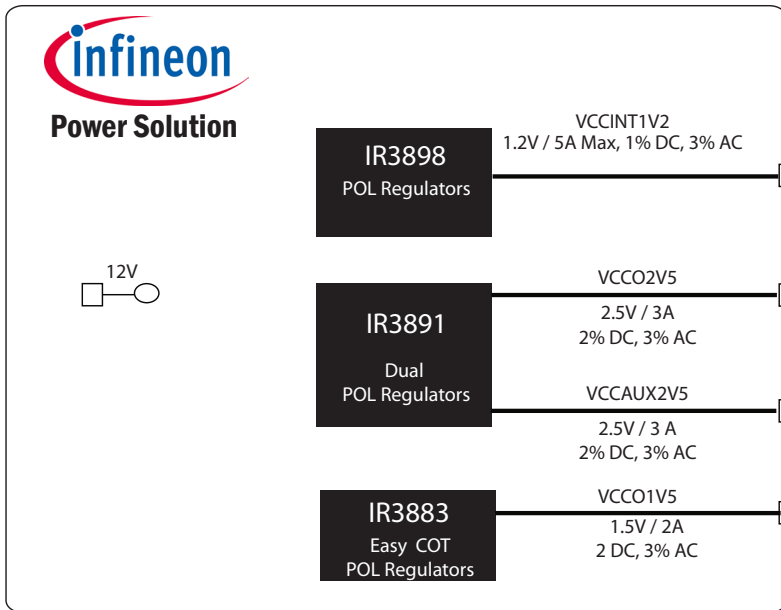
Spartan 6 -		<25W No SERDES		
		voltage	current	power
IR3898/IR38060*	VCCINT1V2	1.2	5	6
IR3891	VCCO2V5	2.5	3	7.5
	VCCAUX2V5	2.5	3	7.5
IR3883	VCCO1V5	1.5	2	3

Spartan 6 -		<50W SERDES lanes - 2 to 8		
		voltage	current	power
IR3895 / IR38062	VCCINT1V2	1.2	12	14.4
IR3898 /IR38060	VCCO2V5	2.5	5	12.5
IR3897 / IR38060	VCCAUX2V5	2.5	4	10
IR3883	VCCO1V5	1.5	2	3
IR3899 / IR38060**	VMGTAVCC/AVTTX/ATTRX/VCCPLL/VTTRCAL	1.2	5	6

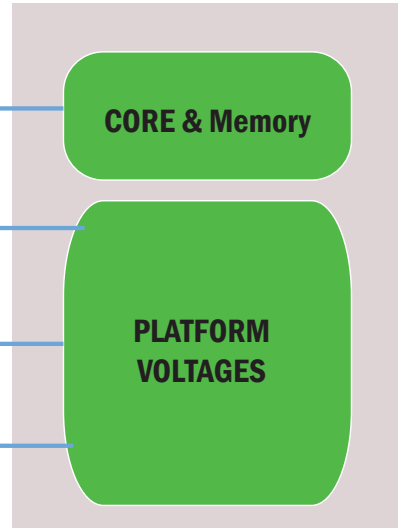


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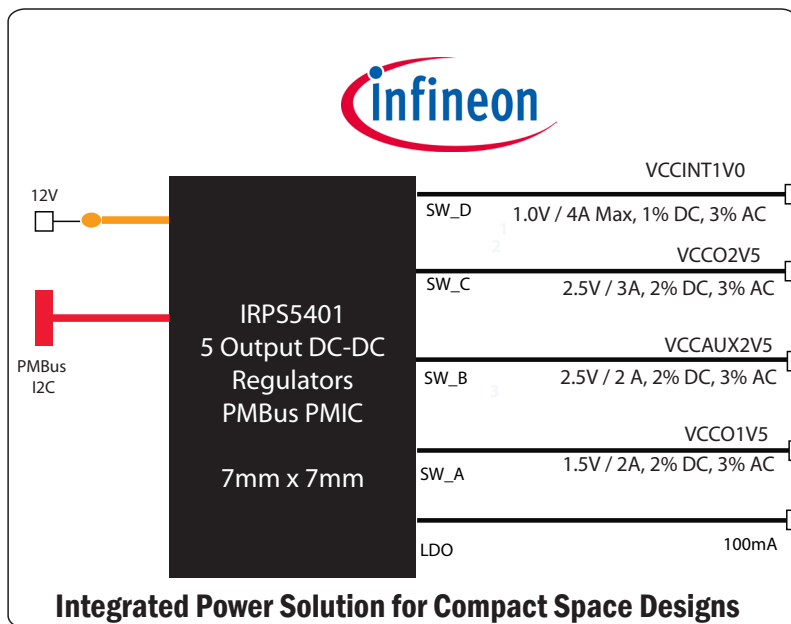
## Spartan 6



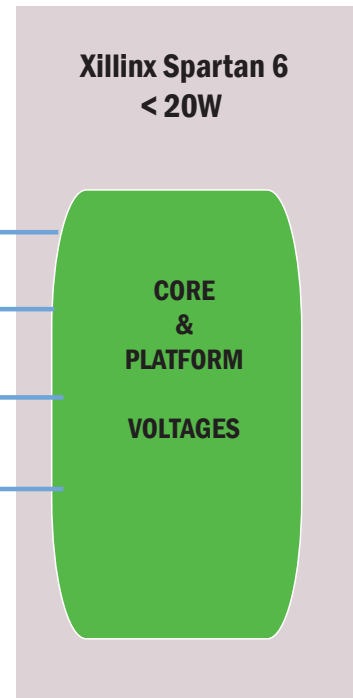
**Xilinx Spartan 6  
< 25W - Logic Only**



### Advanced Information



**Xilinx Spartan 6  
< 20W**



# Power Solutions for Xilinx FPGAs & SoCs

## Spartan 6

### EVALUATION BOARDS AVAILABLE

Part	Evaluation Board
IRPS5401	IRDC38064 <a href="#">contact marketing</a>
IR38060	IRDC38060 <a href="#">view</a>
IR3899	IRDC3899 <a href="#">view</a>
IR3898	IRDC3898 <a href="#">view</a>
IR3897	IRDC3897 <a href="#">view</a>
IR3895	IRDC3895 <a href="#">view</a>
IR3891	IRDC3891 <a href="#">view</a>
IR3823	IRDC3823 <a href="#">view</a>
IR3883	IRDC3883 <a href="#">coming soon</a>

