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

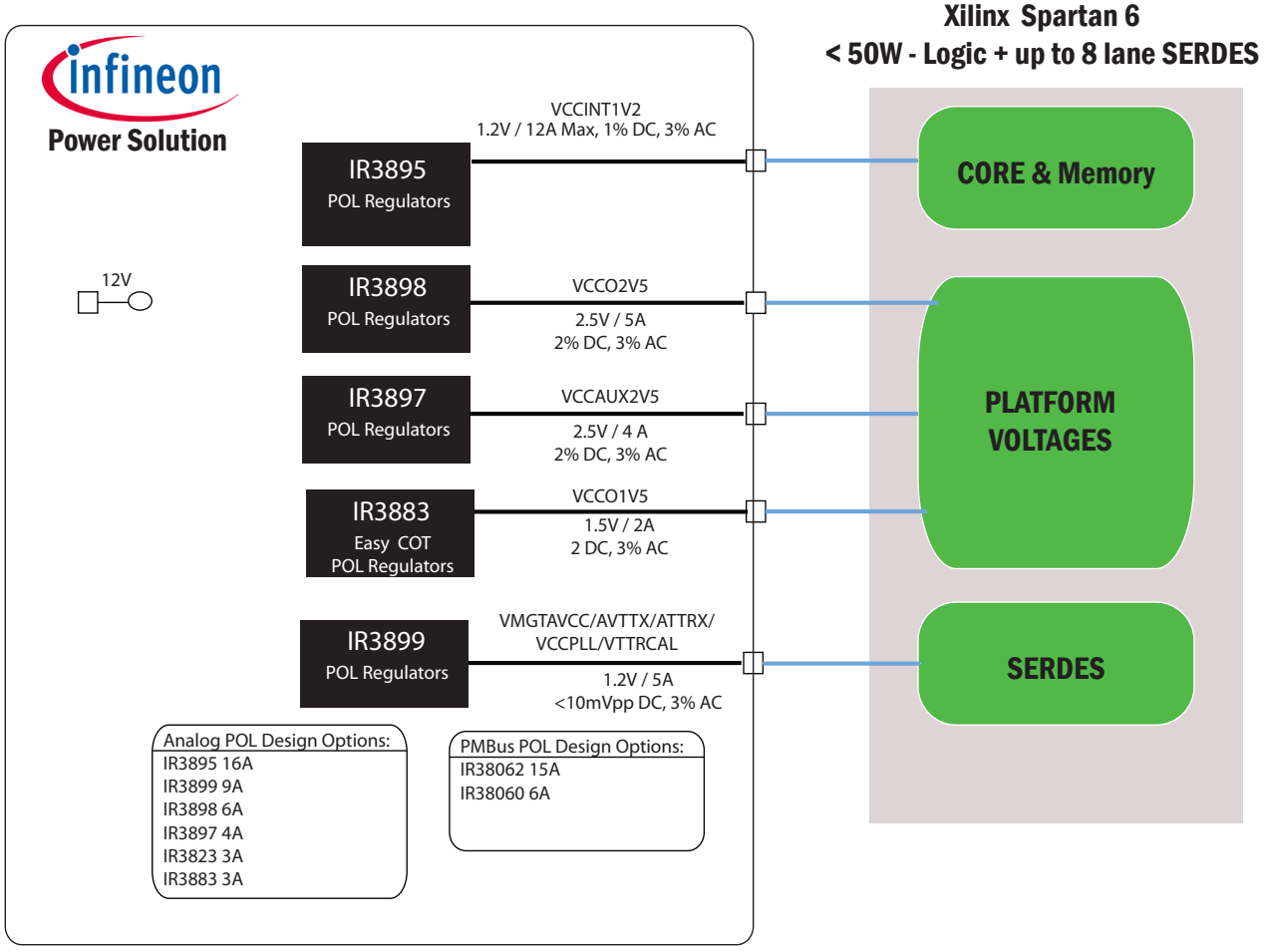
		voltage	current	power
Rocky IRPS5401 (Q4 2016)	VCCINT1V0	1	4	4
	VCCO2V5	2.5	3	7.5
	VCCAUX2V5	2.5	2	5
	VCCO1V5	1.5	2	3

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

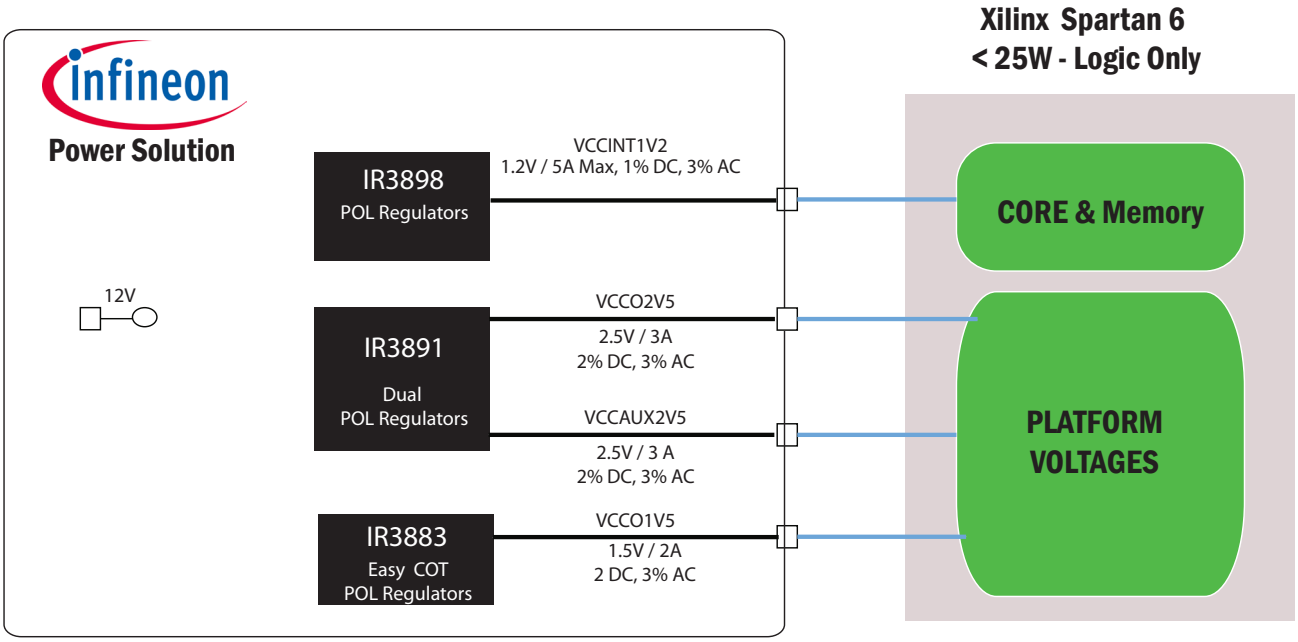
Spartan 6 - <50W SERDES lanes - 2 to 8

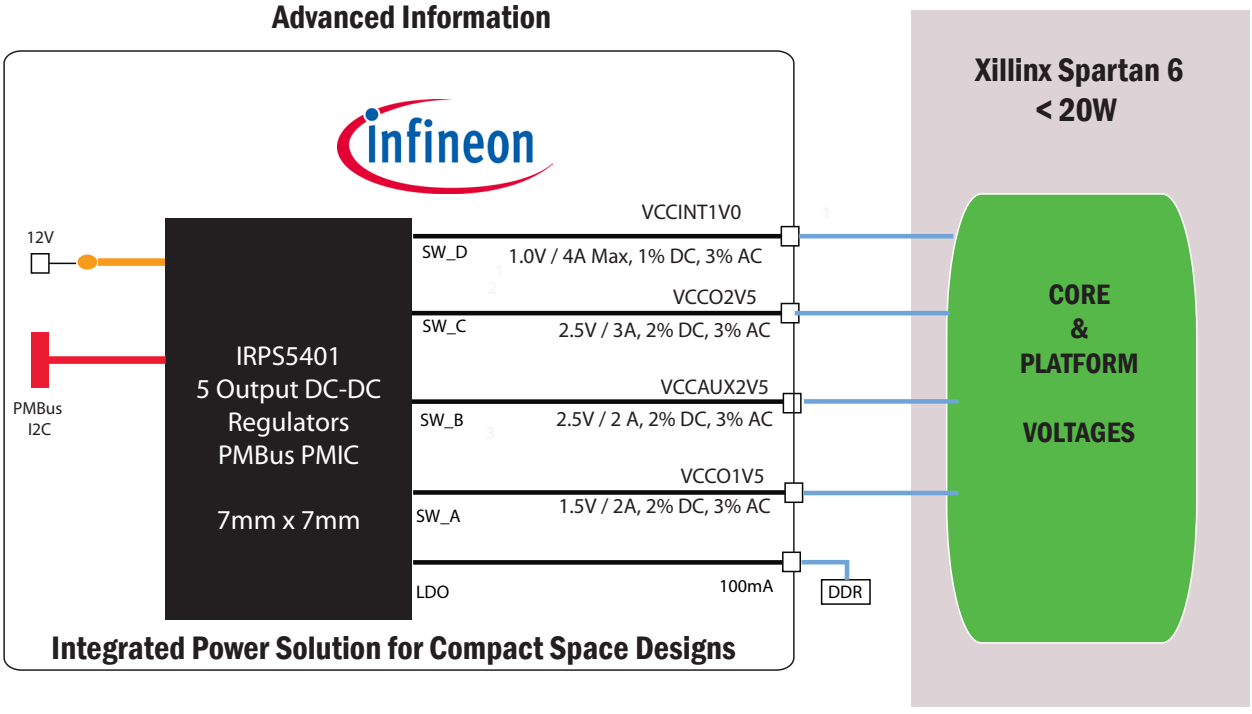
		voltage	current	power
IR3895 / IR38062	VCCINT1V2	1.2	12	14.4
IR3898 /IR38060	VCCO2V5	2.5	5	12.5
IR3897 / IR38060	VCCAUX2V5	2.5	4	10
IR3883	VCCO1V5	1.5	2	3
IR3899 / IR38060**	VMGTAVCC/AVTTX/ATTRX/VCCPLL/VTTRCAL	1.2	5	6



Power Solutions for XILINX FPGAs & SoCs

Spartan 6





EVALUATION BOARDS AVAILABLE

Part	Evaluation Board	
IRPS5401	IRDC38064	contact marketing
IR38060	IRDC38060	view
IR3899	IRDC3899	view
IR3898	IRDC3898	view
IR3897	IRDC3897	view
IR3895	IRDC3895	view
IR3891	IRDC3891	view
IR3823	IRDC3823	view
IR3883	IRDC3883	coming soon

