

# Power Solutions for ALTERA FPGAs & SoCs

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

Infineon has a wide range of DC/DC power products for Altera FPGA/SoC families: Stratix, Arria, Cyclone, MAX.

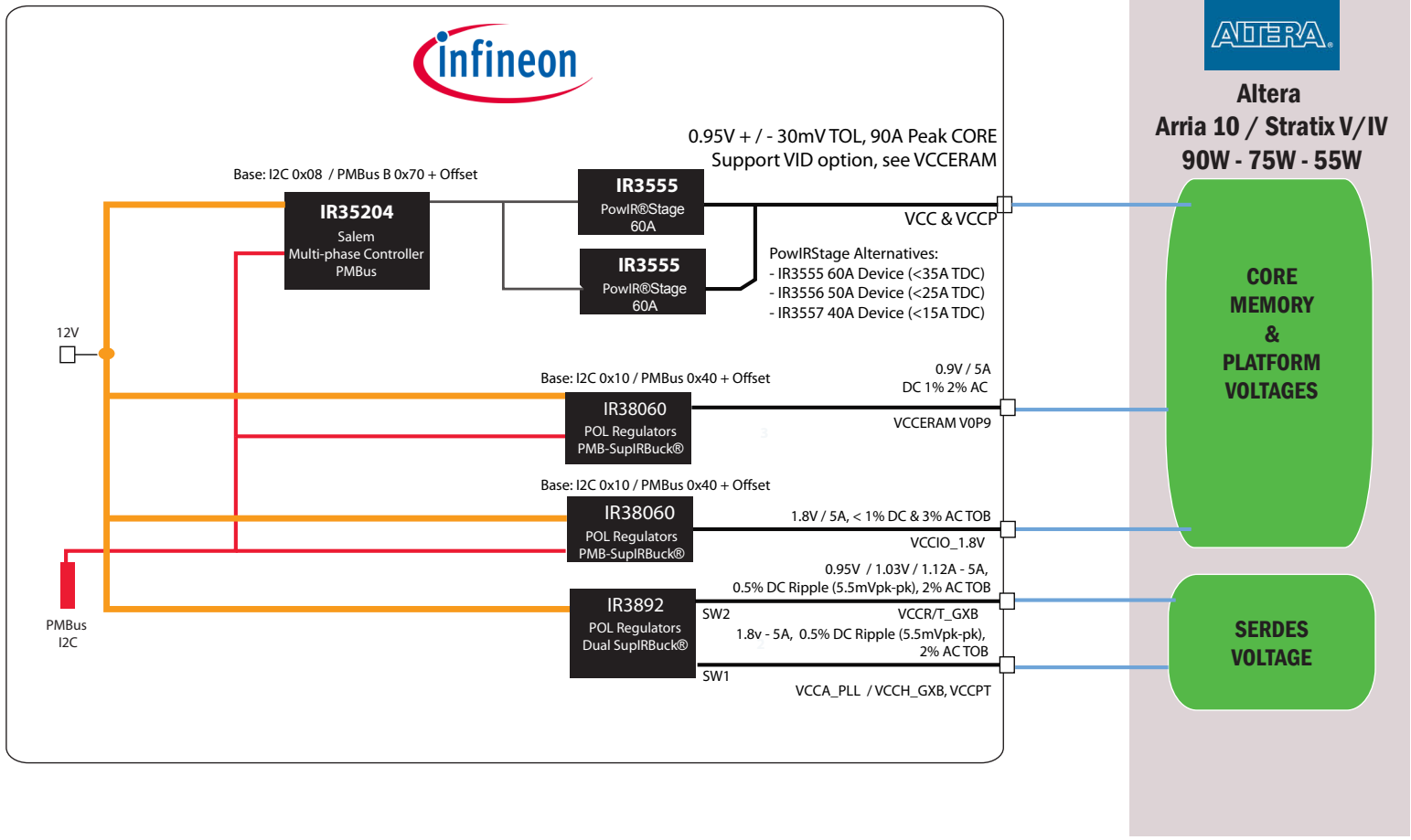
Shown below is a design for Arria 10 & Stratix V/IV, 55W to 90W highlighting Infineon's Multi-phase controllers and Low Noise POL Regulators.

Altera - Arria 10 & Stratix V/IV  
55W to 90W

### HIGHLIGHTS

IR35204 Salem Multi-phase Controller. PMBus/I2C ready for Altera SVID applications. Scalable design from 55W to 90W

Integrated POL DC/DC: IR38060, IR3892/ Low noise DC/DC Voltage Regulators. Proven power designs for Platform an SERDES voltages.





# Power Solutions for Altera FPGAs & SoCs

Altera - Arria 10 & Stratix V/IV  
55W to 90W

## EVALUATION BOARDS AVAILABLE

Part	Evaluation Board
IR35204	coming soon Q4 2016
IR3892	IRDC3892
IR38060	IRDC38060
IR38062	IRDC38062

## DC/DC Products - All Altera FPGAs

	MAX	Cyclone	Arria	Stratix
Core Voltage	Analog: IR3823 IR3883 New	Analog: IR3823 IR3891 IR3883 New  PMIC: IRPS5401 Q4'16	MP-Digital: IR38204  Analog: IR3899 IR3898 IR3897 IR3823  Digital: IR38060 IR38062 IR38063 IR38064 IR38263 Q3'16  PMIC: IRPS5401 Q4'16	MP-Digital: IR38204  Analog: IR3847 IR3848  Digital: IR38060 IR38063 IR38064 IR38263 Q4'16  PMIC: IRPS5401 Q4'16
Platform Voltages			Analog: IR3899 IR3898 IR3897 IR3892 IR3891  Digital: IR38060	Analog: IR3892 IR3891 IR3899 IR3894 IR3895
SERDES Voltages			Analog: IR3897 IR3892 IR3891 IR3823  Digital: IR38060 IR38062	Analog: IR3847 IR3846 IR3894 IR3895  Digital: IR38060 IR38062 IR38063
Peripheral Voltages			Analog IR3883 New IR3823	Analog IR3883 New IR3899 IR3894