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## Power for Texas Instruments processors

Texas Instruments offers a wide range of embedded processor platforms including Sitara Processors, Automotive Processors and Digital Signal Processors (DSPs). TI has optimized power solutions for all processor platforms, and offers a host of design support tools to speed your design. These tools include power system reference designs, system power block diagrams, power estimators, and more.

### Find the right power devices for your TI processor

Family: 
 Part Number:

#### Reference Designs

- [TIDEP-0092 - Short-Range Radar \(SRR\) Reference Design Using AWR1642](#)
- [TIDEP-0092 - Short-Range Radar \(SRR\) Reference Design Using AWR1642](#)

#### Recommended Power Management Multi-Channel IC (PMIC) Solutions:

Power Requirements	PMIC Solutions
Power Supply: Output Voltage: - Load Current: -	TPS65313-Q1 + TPS65653-Q1

#### Powered by WEBENCH® Power Designer

WEBENCH Power Designer suggests devices that meet the basic supply voltage and current requirements of the FPGA. Before picking devices for your design, refer to the FPGA datasheet for more detailed power supply requirements that must be met, such as voltage tolerances, power-up/down sequencing, AVS/DVS, and ramp times.

\* This FPGA has special features that may require additional IC to support it:

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\*\* Loads are grouped by output voltage and sequencing order.

