

POWER INPUTS

The schematic diagram illustrates the power input connections for the Zynq-7010 SoC. It includes the following components and connections:

- EXT_POWER (4.5-5.5V):** Connected to J12, which provides power to the EXT_VIN pin.
- VBAT:** Connected to J11 (Molex 53261-0371), which provides power to the BAT+, BAT- NTC, and BAT- pins.
- USB Power Input:** VUSB is connected to the CHRGGR_IN pin through diodes D18 and D20 (BAT60AE6327HTSA1).
- EXT_VIN:** A separate power input pin.

3V3 SYS SUPPLY

[illegible]

BATTERY FUEL GAUGE