

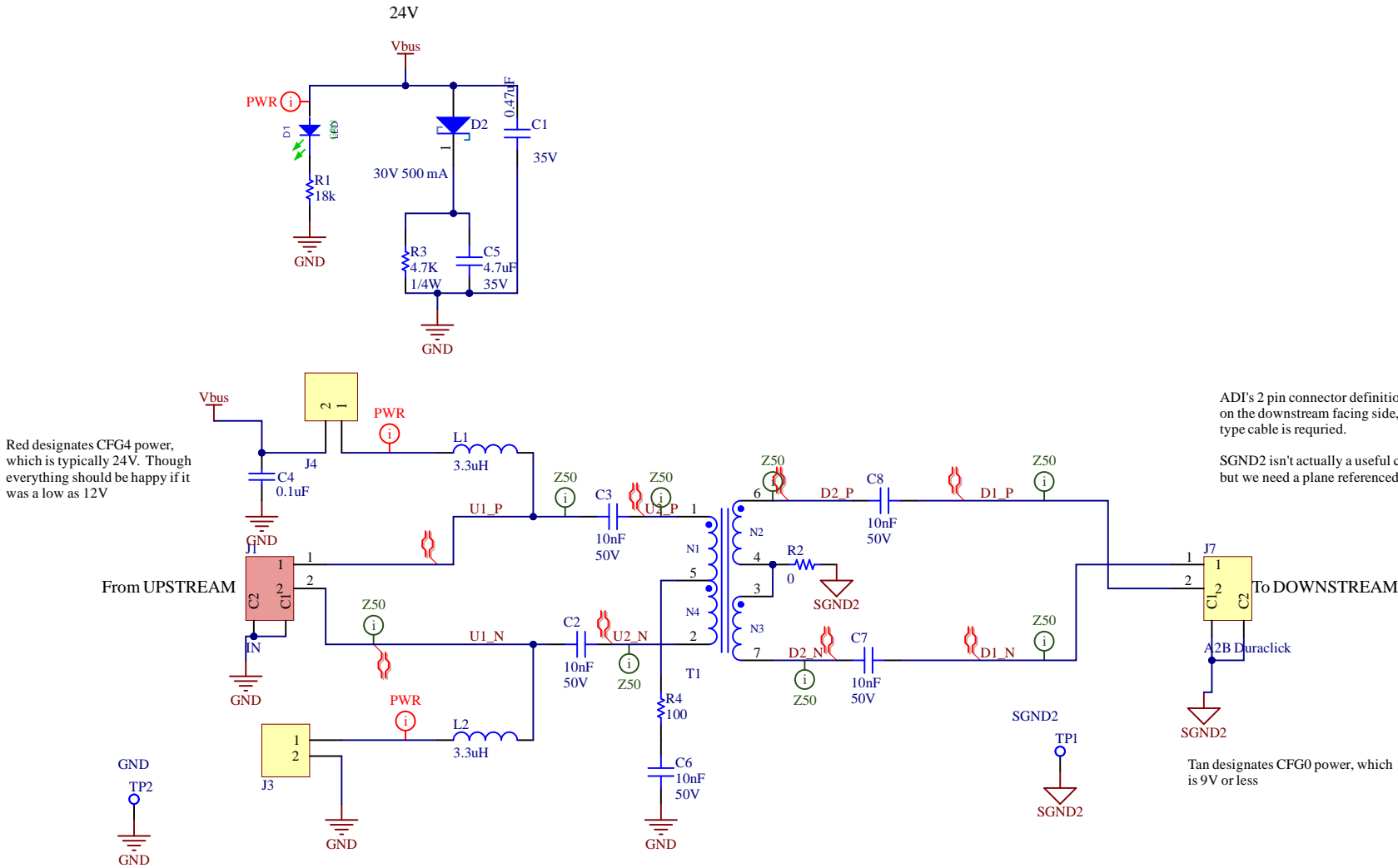
Design notes:

Converts CFG4 power to CFG0 power while also providing galvanic isolation. This is helpful if there are bus powered nodes as grounds at nodes are not at actual 0V/Earth ground.

The DC-DC converter can be disconnected from both sides by remvingthe 4 jumpers; this is suggested if the downstream node is locally powered.

Revision History:

Rev 1 - originated



ADI's 2 pin connector definition flips N and P on the downstream facing side, so a crossover type cable is required.

SGND2 isn't actually a useful concept here, but we need a plane referenced to something.

Tan designates CFG0 power, which is 9V or less



