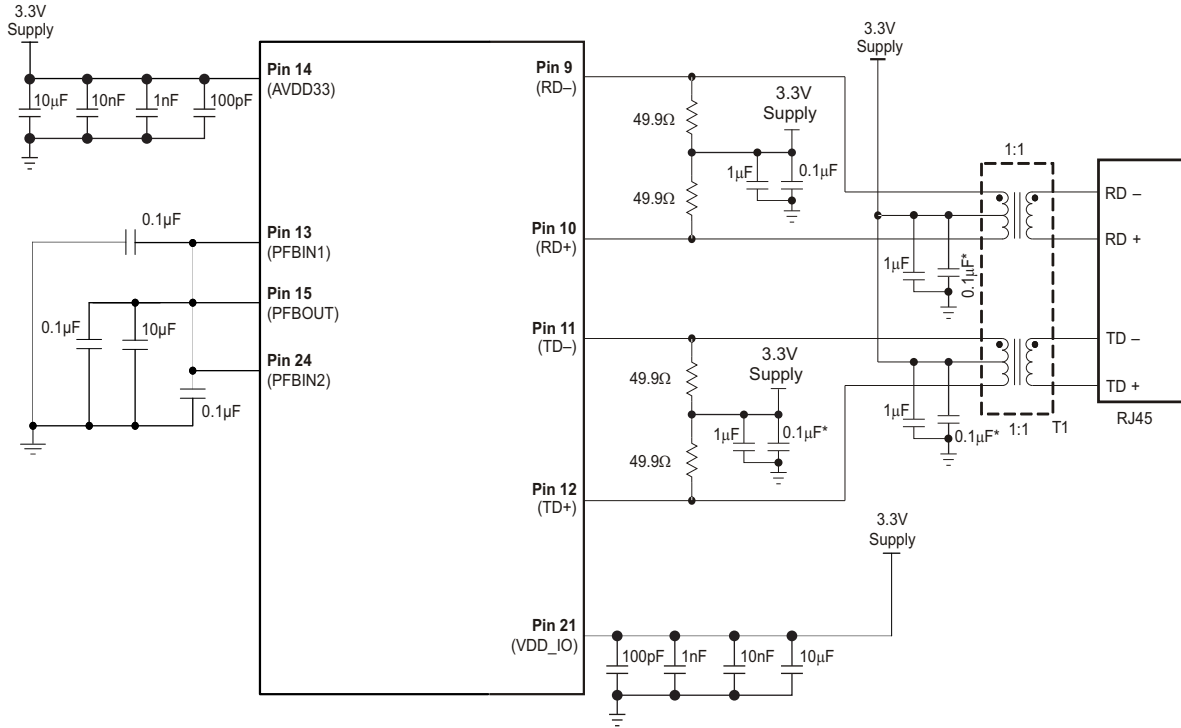


5.1.2 Power Supply Configuration

The TLK10xL provides best-in-class flexibility of power supplies.

5.1.2.1 Single Supply Operation

If a single 3.3V power supply is desired, the TLK10xL internal regulator provides the necessary core supply voltages. Ceramic capacitors of 10 μ F and 0.1 μ F should be placed close to the PFBOUT (pin 15) which is the output of the internal regulator. The PFBOUT pin should be connected to the PFBIN1 and PFBIN2 on the board. A small capacitor of 0.1 μ F should be placed close to the PFBIN1 (pin 13) and PFBIN2 (pin 24). To operate in this mode, connect the TLK10xL supply pins as shown in Figure 5-1.



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Figure 5-1. Power Connections for Single Supply Operation