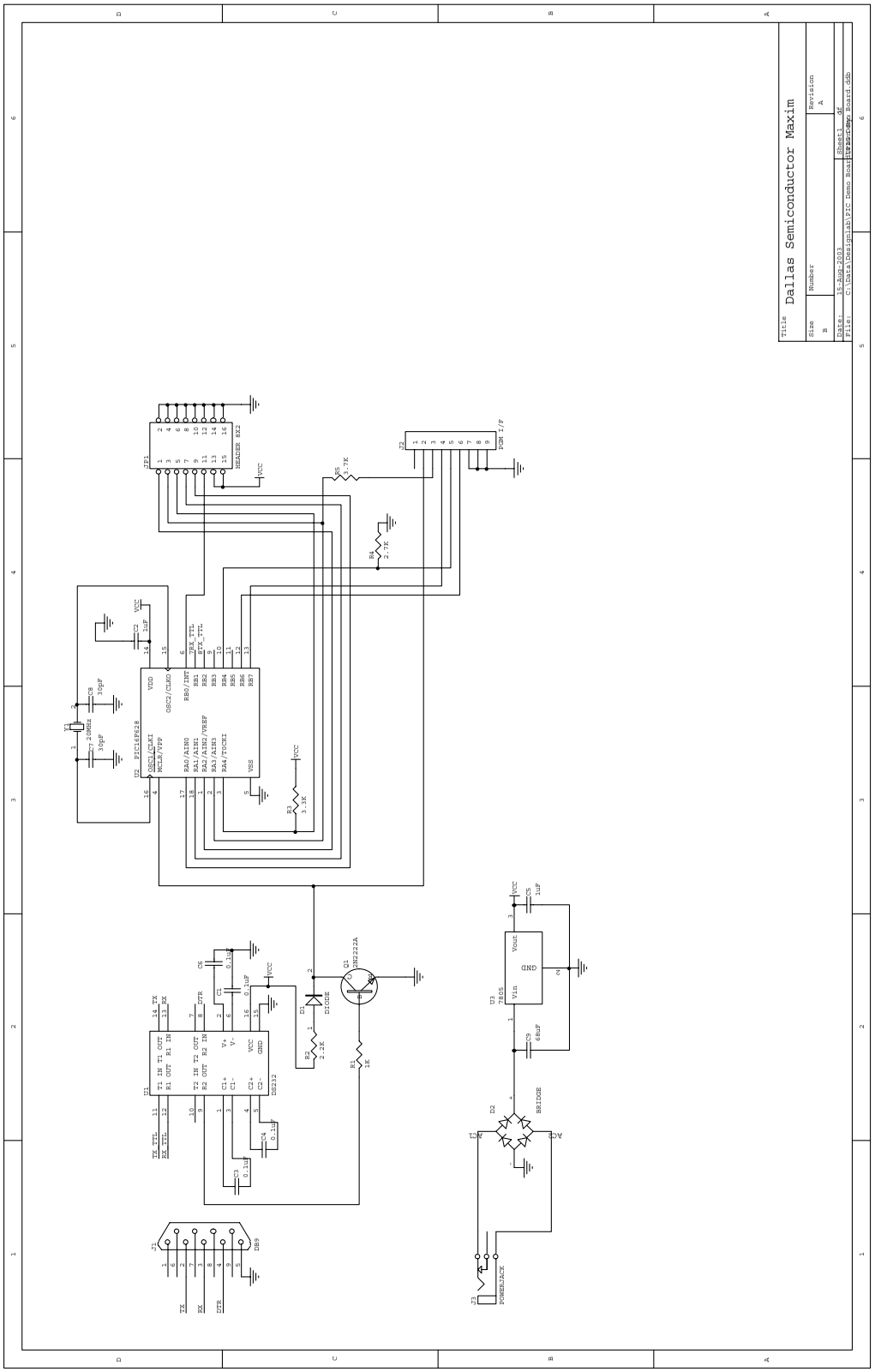Figure 1. PIC16F628 Interface