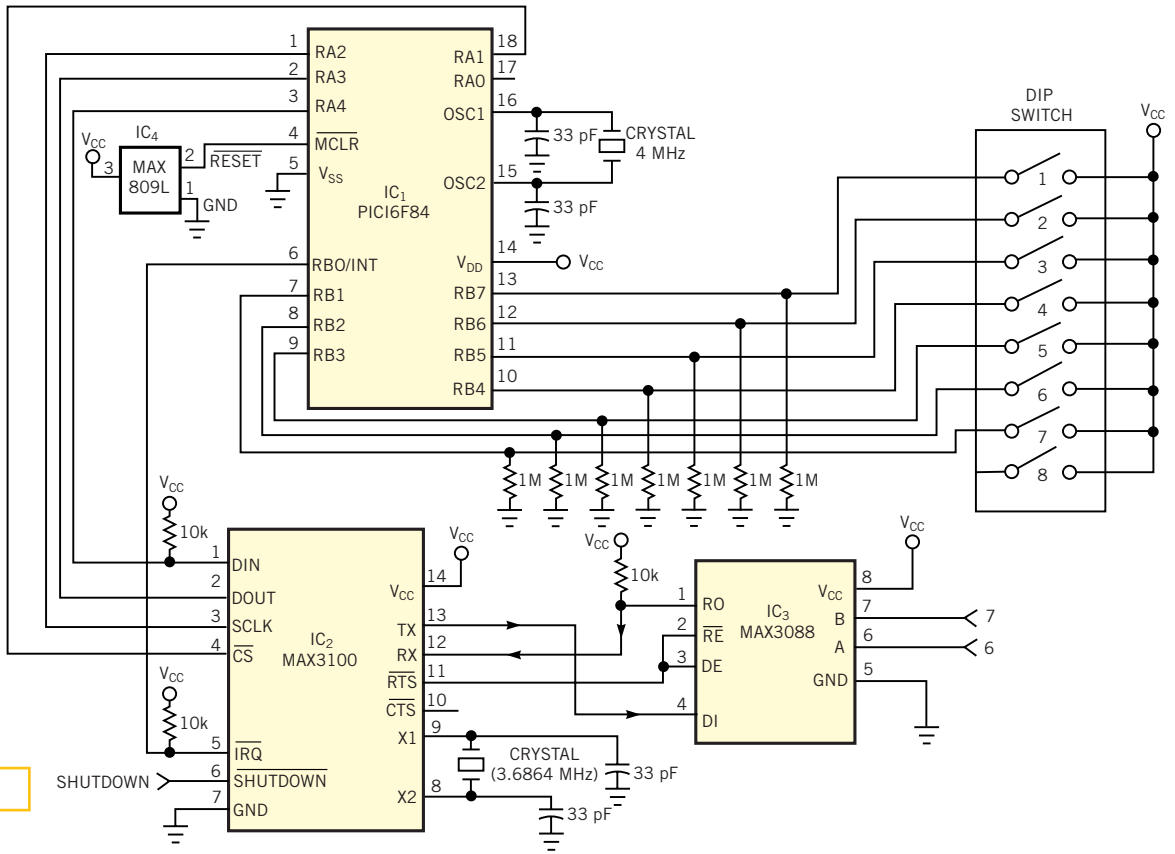

Figure 1

Adding a small UART, IC_2, and microcontroller, IC_1, to the RS-485 transceiver, IC_3, forms a slave data-transceiver module that responds to its own network address.