

F.1 INTRODUCTION

This section shows suggested partial schematics for three MC145572 applications. Figure F–1 shows an example of how to connect two MC145572 U–interface transceivers as a repeater. Figure F–2 shows how an MC68HC05 MCU can be connected to the MC145572 and MC145474 in an NT1 application. Figure F–3 details the MC68302 serial interface connections to the MC145572 and MC14LC5480 for an ISDN U–interface terminal.

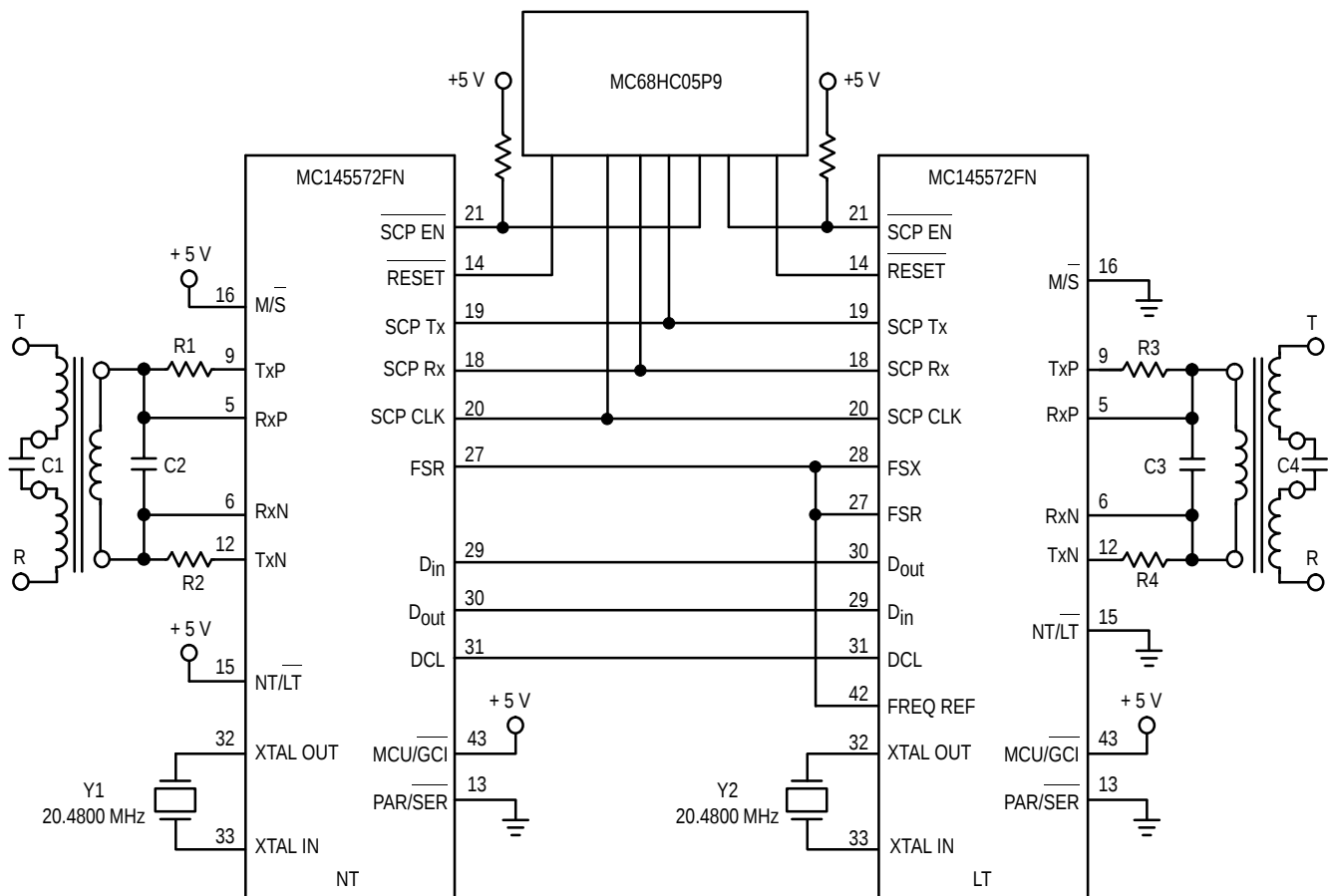


Figure F–1. U–Interface Repeater Using MC145572FN and MC68HC05P9

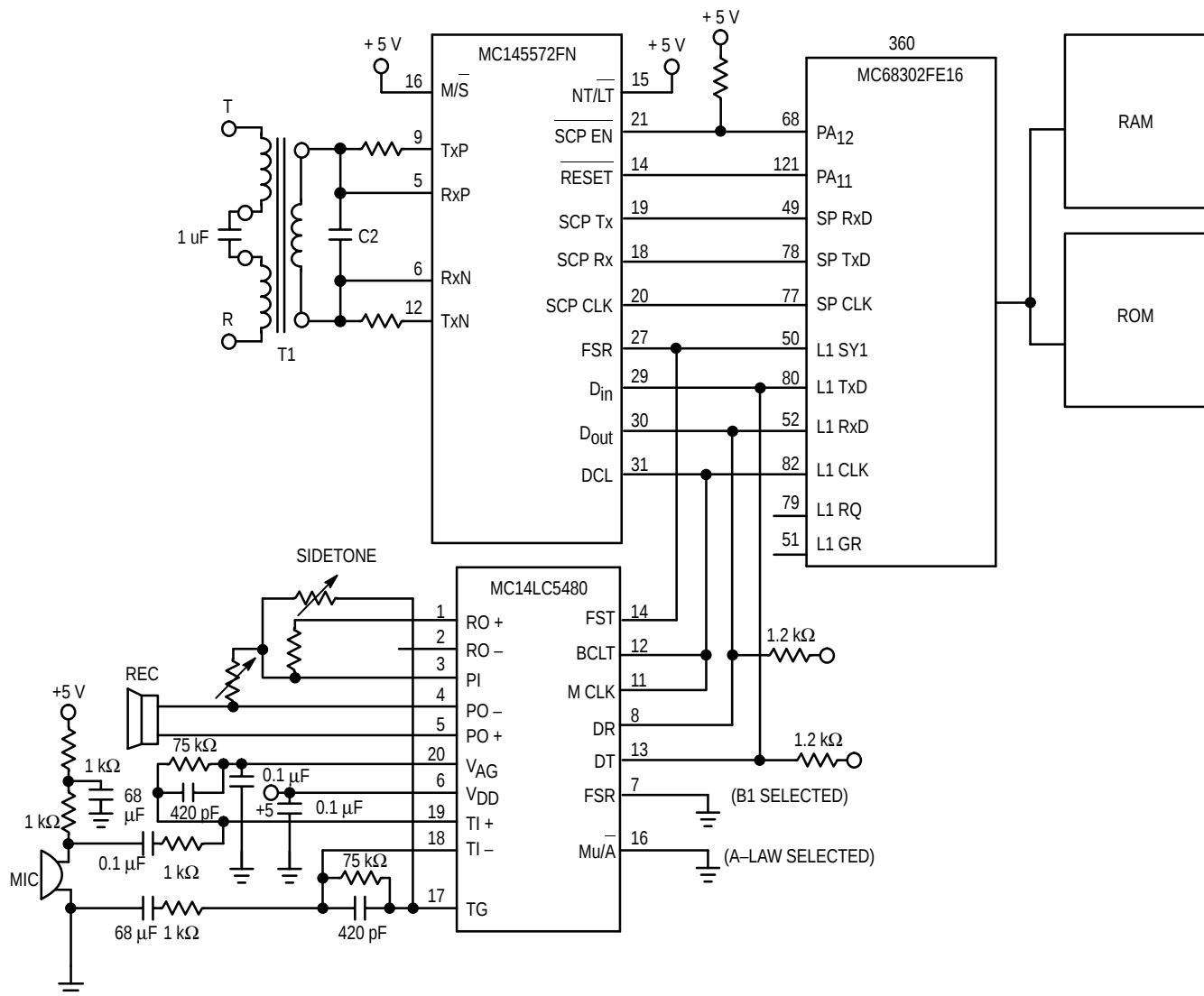
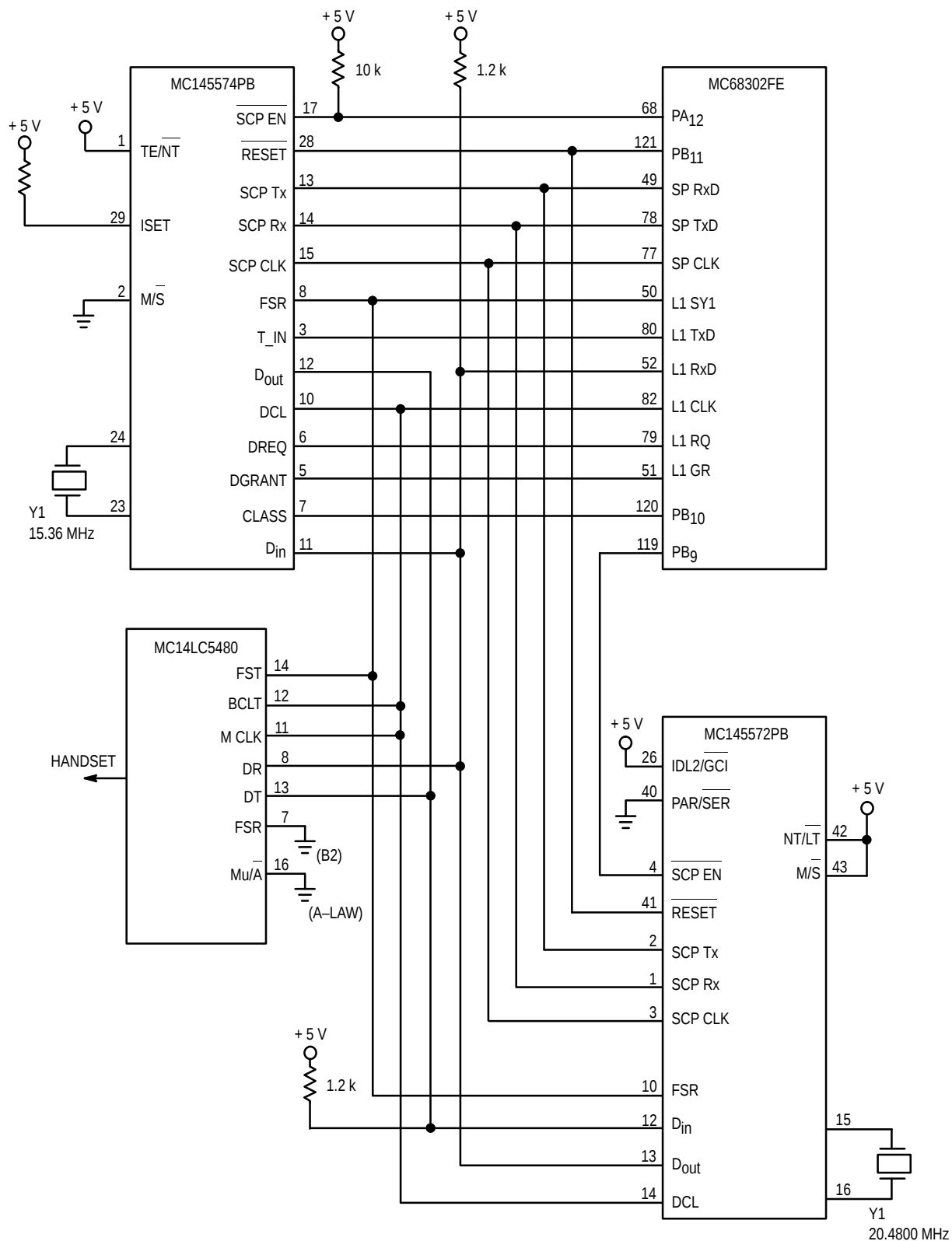
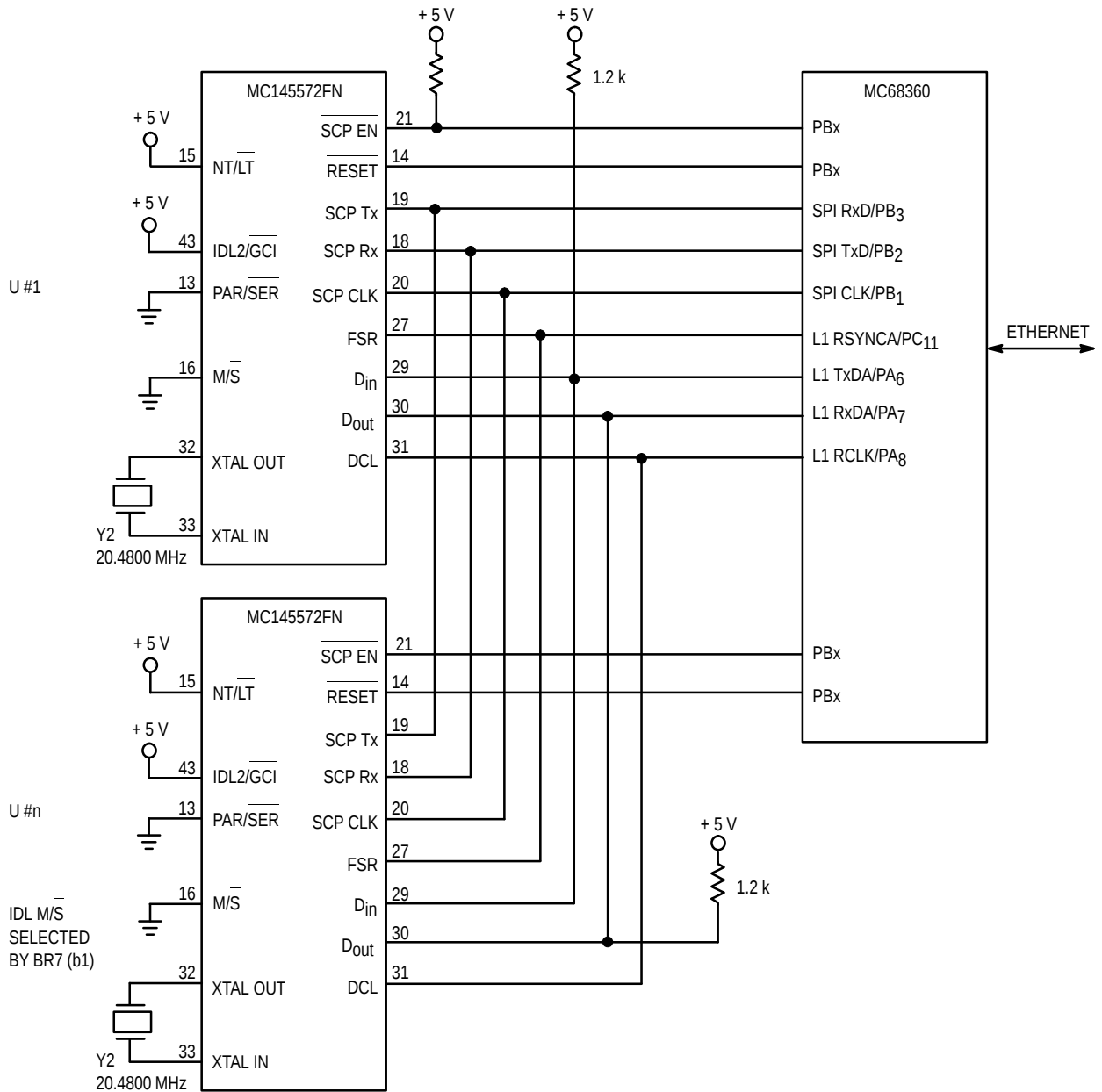


Figure F-3. U-Terminal



NOTE: Pullup resistors are required on IDL and SCP signals.

Figure F-4. ISDN Smart NT1 Application with MC145572 and MC145574 in NT Terminal Mode



NOTES:

1. One U transceiver is configured as IDL master, the rest are configured as slaves. Set BR7 (b1) = 1 to change master/slave mode operation.
2. Pullup resistors are required on IDL and SCP signals.

Figure F-5. ISDN U-IFC to LAN Server