AMD

Proper Termination for Using HomePNA only Mode

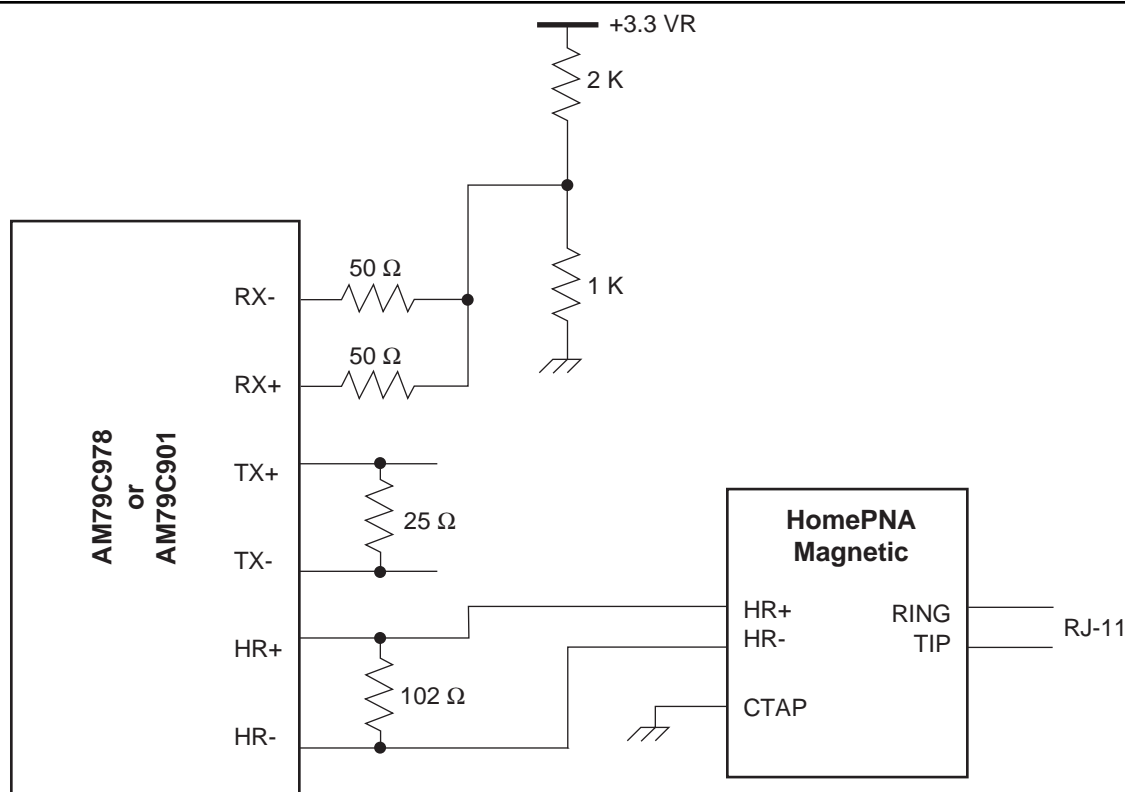*Application Note*

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Application Note

Figure 1 shows the recommended termination resistors in HomePNA mode when the 10BASE-T Ethernet port is not used. The termination is required to reduce the noise injected back to the PCnet™-Home or HomePHY™ device. This noise is created by the link pulse driven into the open pins of the 10BASE-T port. This implementation also helps to improve the input sensitivity of the HomePNA port.

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**Figure 1.   HomePNA Mode
(10Base-T Port not Connected)**