

DEMO9S08LIN QUICK START GUIDE

Introduction and Default Settings

This quick start guide will allow the user to get started using the modular LIN functionality quickly. The default jumper settings for the M52221DEMO are shown below.



Figure 1: M52221DEMO Default Settings

Getting Started

To get started using the DEMO9S08LIN board, simply connect the pin header to the socket header on a host DEMO9S08SH8 board. Assure that pin 1 of the DEMO9S08LIN board is aligned to pin 1 of the DEMO9S08SH8 socket header. The DEMO9S08LIN board is not designed to function as a stand-alone module

Connect the LIN bus to either LIN connector. If the LIN bus is energized, the VDD LED on the DEMO9S08LIN board and the VDD LED on the DEMO9S08SH8 board will light. If the VDD LED on the DEMO9S08SH8 board does not light, ensure the VX_EN jumper is ON. The DEMO9S08LIN board is now ready to use.

Refer to the DEMO9S08SH8 documentation for details on configuring and using the DEMO9S08SH8 board in conjunction with the DEMO9S08LIN board.

Although designed specifically to provide modular LIN connectivity to the DEMO9S08HS8, the DEMO9S08LIN board may be connected to a line of demonstration board manufactured by Axiom Manufacturing. Before connecting the DEMO9S08LIN board assure the target MCU can communicate to the LIN transceiver.

