

The diagram illustrates a 4-wire CAN bus connection between two CAN controllers. On the left, a CAN controller is labeled 'J1' and has pins 1 through 8. On the right, there are two CAN controllers labeled 'P1' (top) and 'P2' (bottom). Both P1 and P2 have pins 1 through 4. The connections are as follows:


- P1 pin 1 is connected to J1 pin 1.
- P1 pin 2 is connected to J1 pin 2.
- P1 pin 3 is connected to J1 pin 3.
- P1 pin 4 is connected to J1 pin 4.
- P2 pin 1 is connected to J1 pin 5.
- P2 pin 2 is connected to J1 pin 6.
- P2 pin 3 is connected to J1 pin 7.
- P2 pin 4 is connected to J1 pin 8.

The labels 'right' and 'left' are placed next to the P1 and P2 controllers, respectively. The label '5569118-1' is placed below the J1 controller. The label 'SL_1_025_4_G' is placed below the P1 and P2 controllers.

The schematic diagram illustrates the wiring for the SL1_025_4 module. It features a central module with two rows of pins: J2 (8 pins) on the left and P3 (4 pins) on the right. The module also includes two touch sensors, Touch1 and Touch2, and a GND connection. The connections are as follows:

- J2 to P3:**
 - J2 pin 1 connects to P3 pin 1.
 - J2 pin 2 connects to P3 pin 2.
 - J2 pin 3 connects to P3 pin 3.
 - J2 pin 4 connects to P3 pin 4.
- J2 to GND:**
 - J2 pin 5 connects to GND.
 - J2 pin 6 connects to GND.
 - J2 pin 7 connects to GND.
 - J2 pin 8 connects to GND.
- P3 to Touch Sensors:**
 - P3 pin 1 connects to Touch1.
 - P3 pin 2 connects to Touch2.
 - P3 pin 3 connects to Touch1.
 - P3 pin 4 connects to Touch2.
- Power and Ground:**
 - A +12V supply is connected to the GND terminal.
 - The GND terminal is connected to the module's ground.

The module is labeled SL1_025_4.

Titel Breakoutboard				 JÜLICH Forschungszentrum
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Drawn by D. Hellenbrand			Institut IBI-TAE	
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