

SPI-Can converter Testing Manual

- 1) Load the hex file in to two microcontrollers (ATMEGA 16).
- 2) Connect the pins as given.
Connect CS to PINB4 and INT to PIND2. All other pins are shown in the board.
- 3) Open the COM ports using putty. The ports can be seen in device manager.
- 4) Now there will be two com ports open. Reset the microcontroller. If ICs are working it will show
 “MCP2515 is active”
 “Working in normal mode”
- 5) If the ICs are not working it will show
 “ Error: can not address MCP2515”
- 6) If the two converters were successfully detected then type 12345678 and press “enter” key in either one of the putty terminal.
It will display “This message was written to the buffer”
And the other terminal will display
“Message received” and the sent message 12345678
- 7) Test complete