

gpib-conv-arduino-nano

GPIB to USB converter

Ported to Arduino nano board (with ATmega328P)

Connect Arduino pins to the Centronics connector using table below. All the GND can be connected together.

Connect D12 to GND to enter printer mode immediately after reset.

Pin Name Description Source Arduino nano pin

1 DIO1 Data bit 1 (LSB) Talker PC0 A0

2 DIO2 Data bit 2 Talker PC1 A1

3 DIO3 Data bit 3 Talker PC2 A2

4 DIO4 Data bit 4 Talker PC3 A3

5 EOI End Or Indentity Talker/Controller PD2 D2

6 DAV Data Valid Controller PD3 D3

7 NRFD Not Ready For Data Listener PD4 D4

8 NDAC No Data Accepted Listener PD5 D5

9 IFC Interface Clear Controller PD6 D6

10 SRQ Service Request Talker PD7 D7

11 ATN Attention Controller PB2 D10

12 Shield

13 DIO5 Data bit 5 Talker PC4 A4

14 DIO6 Data bit 6 Talker PC5 A5

15 DIO7 Data Bit 7 Talker PB0 D8

16 DIO8 Data bit 8 (MSB) Talker PB1 D9

17 REN Remote Enabled Controller PB3 D11

18 GND DAV

19 GND NRFD

20 GND NDAC

21 GND IFC

22 GND SRQ

23 GND ATN

24 GND data