

The RepRap uses a gen7 v1.2 board as seen here: [1](#)

it has been modified to work slightly differently to most gen7 1.2 boards, to allow the addition of an SD card and remove the need for an ATX power supply.

Original Function	MM Function	ATMega Name	Arduino Name
X Min	SD SCK	PB7	D7
X Max	SD MISO	PB6	D6
Y Min	SD MOSI	PB5	D5
Y Max	X Min	PB2	D2
Z Min	Y Min	PB1	D1
Z Max	Z Min	PB0	D0
Power Enable	' Unused '	PD7	D15
Unused	' Unused '	PC4	D20
Unused	' Unused '	PC5	D21
Misc Header	' Click Encoder A '	PD2	D10
Misc Header	' Click Encoder B '	PD3	D11
Misc Header	' Click Encoder Switch '	PD4	D12
Misc Header	' Unused '	PD5	D13
Misc Header	' SD CS '	PD6	D14
I2C Header	' I2C LCD SCL '	PC0	D16
I2C Header	' I2C LCD SDA '	PC1	D17



Category: [Mendel Max](#)

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