TheUno V2.0 - Pin assignment

Author:
Joel - MyFreescaleWebPage
http://myfreescalewebpage.free.fr

Last revision of this document: 1.1 of 2012-08-19.

Table of contents

Revisions

Version	Date	Changes
1.0	2011-08-25	First release of the document for TheUno V2.0
1.1	2012-08-19	Minor updates

Pin assignment

Pin	Assignment on the microcontroller	Comment
RST	RST	Reset
3.3V		3.3V power supply
5V		5V power supply
GND		Ground
GND		Ground
VIN		VIN input voltage
A0	PTA6	GPIO, Analog input
A1	PTA5	GPIO, Analog input
A2	PTA4	GPIO, Analog input
A3	PTA3	GPIO, Analog input, Analog Comparator output
A4	PTA2	GPIO, Analog input, Analog Comparator input
A5	PTA1	GPIO, Analog input, Analog Comparator input
D0	PTE7	GPIO, RxD2, RxCAN
D1	PTE6	GPIO, TxD2, TxCAN
D2	PTB1	GPIO, Analog input
D3	PTD5	GPIO, TPM1CH3
D4	PTA0	GPIO, Analog input
D5	PTD4	GPIO, TPM1CH2
D6	PTD3	GPIO, TPM1CH1
D7	PTB0	GPIO, Analog input
D8	PTA7	GPIO, Analog input, IRQ
D9	PTD2	GPIO, TPM1CH0
D10	PTD1 and PTE2	GPIO, TPM2CH1, SPI Chip Select
D11	PTD0 and PTE4	GPIO, TPM2CH0, SPI MOSI
D12	PTE5	GPIO, SPI MISO
D13	PTE3	GPIO, SPI Clock
AREF	VDDA/VREFH	Reference voltage for analog inputs