ATmega 32U4-Arduino Pin Mapping
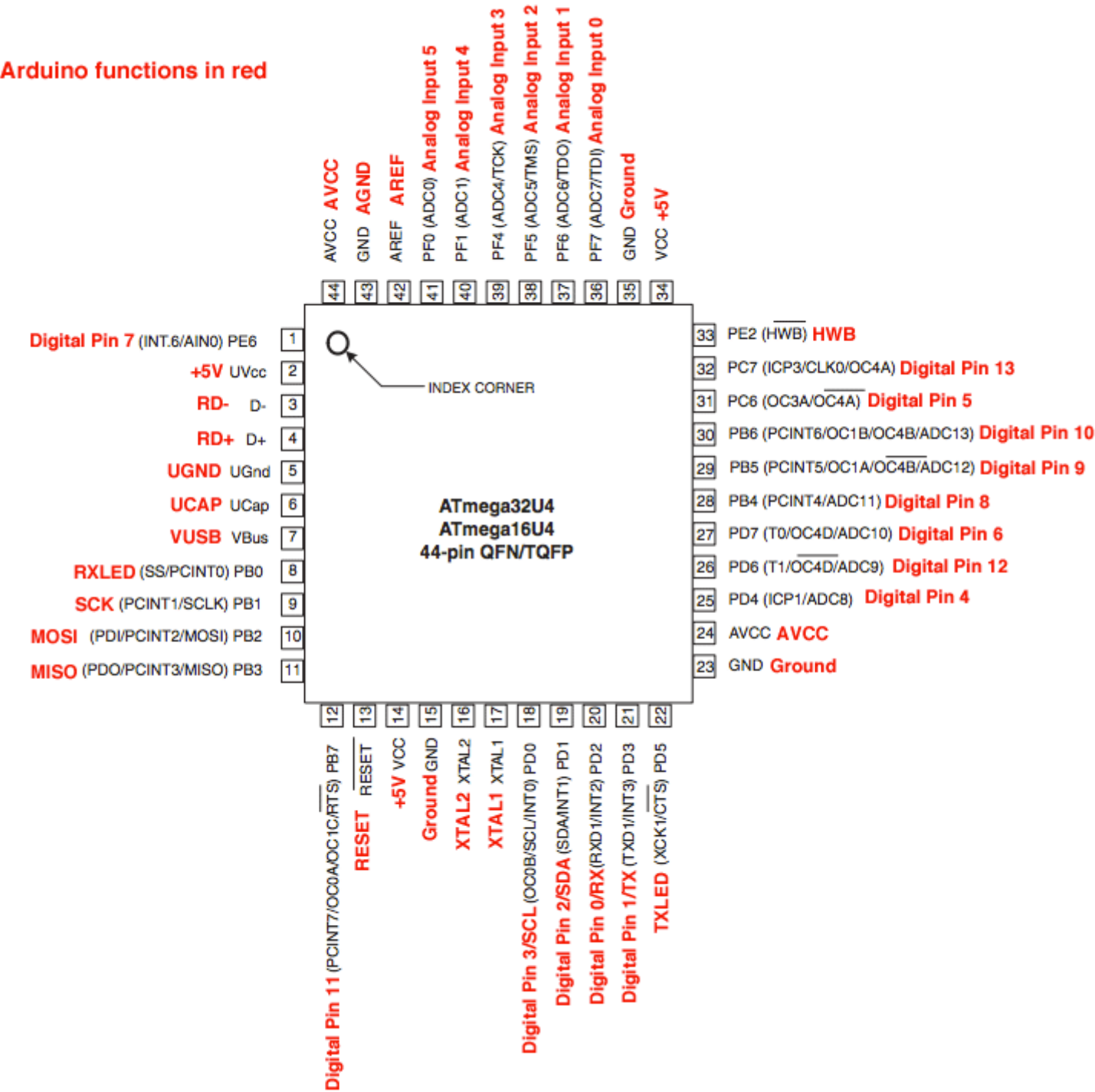

Arduino Leonardo pin mapping table

Pin Number (https://www.arduino.cc)	Pin Name	Mapped Pin Name
1	PE6 (INT.6/AIN0)	Digital pin 7
2	UVcc	+5V
3	D-	RD-
4	SIGN IN () D+OME (//WWW.ARDUINO.CC) STORE RD+/STORE.ARDUIN		
5	UGnd	UGND
6	UCap	UCAP
7	VUSB	VBus
8	(SS/PCINT0) PB0	RXLED
9	(PCINT1/SCLK) PB1	SCK
10	(PDI/PCINT2/MOSI) PB2	MOSI
11	(PDO/PCINT3/MISO) PB3	MISO
12	(PCINT7/OC0A/OC1C/#RTS) PB7	Digital pin 11 (PWM)
13	RESET	RESET
14	Vcc	+5V
15	GND	GND
16	XTAL2	XTAL2
17	XTAL1	XTAL1
18	(OC0B/SCL/INT0) PD0	Digital pin 3 (SCL)(PWM)
19	(SDA/INT1) PD1	Digital pin 2 (SDA)
20	(RX D1/AIN1/INT2) PD2	Digital pin 0 (RX)
21	(TXD1/INT3) PD3	Digital pin 1 (TX)
22	(XCK1/#CTS) PD5	TXLED
23	GND1	GND
24	AVCC	AVCC
25	(ICP1/ADC8) PD4	Digital pin 4
26	(T1/#OC4D/ADC9) PD6	Digital pin 12
27	(T0/OC4D/ADC10) PD7	Digital Pin 6 (PWM)
28	(ADC11/PCINT4) PB4	Digital pin 8
29	(PCINT5/OC1A/#OC4B/ADC12) PB5	Digital Pin 9 (PWM)
30	(PCINT6/OC1B/OC4B/ADC13) PB6	Digital Pin 10 (PWM)
31	(OC3A/#0C4A) PC6	Digital Pin 5 (PWM)
32	(ICP3/CLK0/)0C4A) PC7	Digital Pin 13 (PWM)
33	(#HWB) PE2	HWB
34	Vcc1	+5V
35	GND2	GND
36	(ADC7/TDI) PF7	Analog In 0
37	(ADC6/TDO) PF6	Analog In 1
38	(ADC5/TMS) PF5	Analog In 2
39	(ADC4/TCK) PF4	Analog In 3
40	(ADC1) PF1	Analog In 4
41	(ADC0) PF0	Analog In 5
42	AREF	AEF
43	GND3	GND
44	AVCC1	AVCC