THE UNOFFICIAL ARDUINO & ATTiny PINOUT DIAGRAM

LEGEND

GND
POWER
CONTROL
PORT PIN
ATMEGA328 PIN FUNC
DIGITAL PIN
ANALOG-RELATED PIN
PWM PIN
SERIAL PIN
ARDUINO PIN

Using Arduino as ICSP Programmer for ATTiny45/85

ATTiny45/85

Left	Pin	Pin	Right
10	1	8	VCC
	2	7	13
	3	6	12
GND	4	5	11

ATTiny45/85 (detailed)

Pin 1 (left): ADC0 — dW — RESET — PCINT5 — PB5
Pin 2 (left): PWM — XTAL1 — CLKI — $\overline{OC1B}$ — 3 — A3 — ADC3 — PCINT3 — PB3
Pin 3 (left): PWM — XTAL2 — CLKO — OC1B — 4 — A2 — ADC2 — PCINT4 — PB4
Pin 4 (left): GND

Pin 8 (right): VCC
Pin 7 (right): PB2 — PCINT2 — ADC1 — A1 — 2 — SCK — SCL — USCK — T0 — INT0
Pin 6 (right): PB1 — PCINT1 — MISO — 1 — AIN1 — OC0B — OC1A — DO — PWM
Pin 5 (right): PB0 — PCINT0 — AREF — 0 — MOSI — SDA — AIN0 — OC0A — $\overline{OC1A}$ — DI — PWM

ATTiny44/84

Pin 1 (left): VCC
Pin 2 (left): 10 — XTAL1 — PCINT8 — PB0
Pin 3 (left): 9 — XTAL2 — PCINT9 — PB1
Pin 4 (left): dW — RESET — PCINT11 — PB3
Pin 5 (left): PWM — OC0A — CKOUT — 8 — INT0 — PCINT10 — PB2
Pin 6 (left): PWM — ICP — OC0B — 7 — A7 — ADC7 — PCINT7 — PA7
Pin 7 (left): PWM — MOSI — SDA — OC1A — 6 — A6 — ADC6 — PCINT6 — PA6

Pin 14 (right): GND
Pin 13 (right): PA0 — PCINT0 — ADC0 — A0 — 0 — AREF
Pin 12 (right): PA1 — PCINT1 — ADC1 — A1 — 1
Pin 11 (right): PA2 — PCINT2 — ADC2 — A2 — 2
Pin 10 (right): PA3 — PCINT3 — ADC3 — A3 — 3
Pin 9 (right): PA4 — PCINT4 — ADC4 — A4 — 4 — SCK — SCL — T1
Pin 8 (right): PA5 — PCINT5 — ADC5 — A5 — 5 — MISO — OC1B — DO — PWM

Using Arduino as ICSP Programmer for ATTiny44/84

ATTiny44/84

Left	Pin	Pin	Right
VCC	1	14	GND
	2	13	
	3	12	
10	4	11	
	5	10	
	6	9	13
11	7	8	12

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