Microcontroller

U1
ATTINY814-SSN

Pin	Signal		Signal	Pin
UPDI	10	PA0/RESET#/UPDI	VDD	1	VCC
MOSI	11	PA1		
MISO	12	PA2	PB0	9	SCL
SCK	13	PA3/EXTCLK	PB1	8	SDA
!SS	2	PA4	TOSC2/PB2	7	TXD
VREF	3	PA5	TOSC1/PB3	6	RXD
DAC	4	PA6		
LED	5	PA7	GND	14

VCC

C1 100n
GND

C2 10u
GND

GND

Breakout Header

VCC   GND

H1 Header   H2 Header

Signal				Signal
!SS	1	8	SCK
VREF	2	7	MISO
DAC	3	6	MOSI
LED	4	5	UPDI
RXD	5	4	SCL
TXD	6	3	SDA
	7	2	
	8	1	

USB to Serial Converter

UPDI
RXD
TXD

R1 1k
R2 1k

U2
CH340N

Pin	Signal	Signal	Pin
5	VCC	RTS#	4
6	TXD	GND	3
7	RXD	UD-	2
8	V3	UD+	1

VCC   VCC

C3 100n   C4 100n

USB Micro Input

| 1 | VCC |
| 2 | D- |
| 3 | D+ | EH 6
| 4 | ID |
| 5 | GND |

SW1 SELECT

1 2 3
4 6
5 7

GND GND   GND GND

Indicator LEDs

VCC   R3 1k   LED1 PWR
LED   R4 1k   LED2 PA7

GND

TITLE: ATtiny x14/x04 Development Board

REV: 2.0

Company: wagiminator

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