ATtinyX6 Microcontroller

U1
ATTINY3216-SN

Pin	Signal		Signal	Pin
1	VCC		GND	20
2	0AD~		16AD~	19
3	1AD~ (VREF)		15AD!	18
4	2AD! (DAC)		14AD	17
5	3AD		UPDI	16
6	4AD		13D	15
7	5AD		12D!	14
8	6D (RX)		(TD) 11D~	13
9	7D~! (TX)		(TD) 10D~	12
10	8AD~ (SDA)		(SCL) 9AD~	11

D0, D1, D2, D3, D4, D5, RXD, TXD, D8

D16, D15, D14, UPDI, D13, D12, D11, D10, D9

VCC

C1 100n
C2 10u

GND GND

Breakout Header

J1	J2
1	10
2	9
3	8
4	7
5	6
6	5
7	4
8	3
9	2
10	1

VCC GND

D0, D1, D2, D3, D4, D5, RXD, TXD, D8

D16, D15, D14, UPDI, D13, D12, D11, D10, D9

USB to Serial Converter and SerialUPDI Programmer

UPDI

R3 1k
R4 1k

RXD
TXD

SW1
SELECT

U2
CH340N

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

C3 100n
C4 100n

GND GND

VCC

USB1
Micro Input

Pin	Signal
1	VCC
2	D-
3	D+
4	ID
5	GND

EH 6

GND GND

Indicator LEDs

VCC

R1 1k
LED1 PWR

R2 1k
LED2 D3

D3

GND

TITLE:
ATtiny x06/x16/x26 Development Board

REV: 2.0

Company: wagiminator

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EasyEDA