MIDI Input

J2
MIDI IN DIN-5

R1 220

D1 1N914

U2 6N138

VCC

R2 220

RX

R3 4.7k

GND

User Port Data Register

U3 74HC595

VCC

SER	VCC	QA — D0
		QB — D1
		QC — D2
SRCLK		QD — D3
SRCLR		QE — D4
		QF — D5
RCLK		QG — D6
OE		QH — D7
		QH'

VCC

C2 0.1uF

GND

GND

J1 C64-UserPort

GND

FLAG

GND	A	GND — GND
/FLAG2	B	5V — VCC
PB0	C	/RST — RST
PB1	D	CNT1
PB2	E	SP1
PB3	F	CNT2
PB4	H	SP2
PB5	J	/PC2
PB6	K	ATN
PB7	L	9VAC
PA2	M	9VAC
GND	N	GND — GND

D0, D1, D2, D3, D4, D5, D6, D7

GND

ATtiny Micro

U1 ATtiny13A-PU

VCC

PB0	RX
PB1	SER
PB2	SRCLK
PB3	FLAG
PB4	OE
RESET/PB5	RST

GND

VCC

C1 0.1uF

GND

ISP

J3 AVR-ISP-6

VCC

MISO	SER
MOSI	RX
SCK	FLAG
RST	RST

GND