

Breadboard

WB-106

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Va



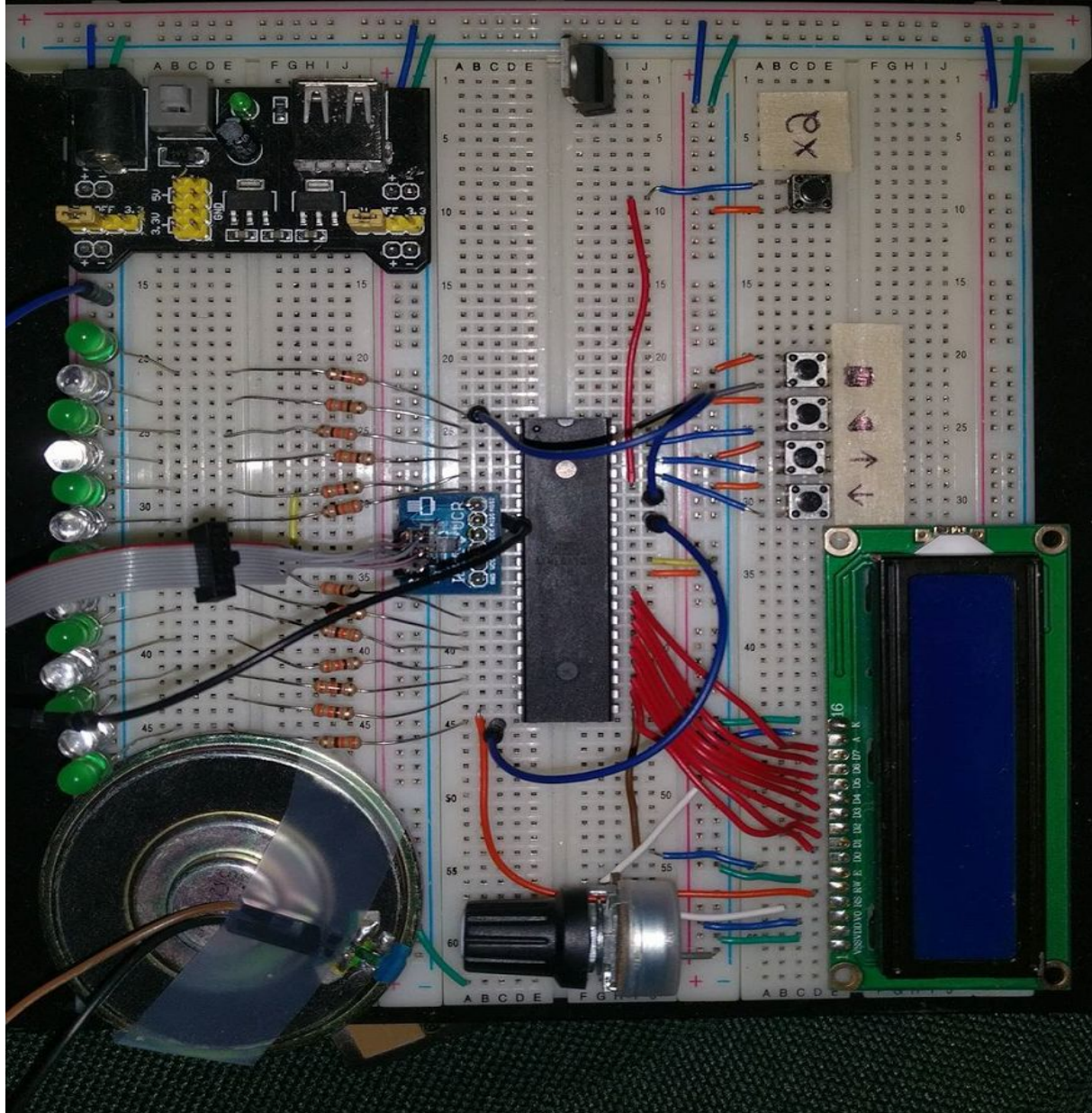
Vb



Vc



\pm



(PCINT8/XCK0/T0) PB0	1	40	PA0 (ADC0/PCINT0)
(PCINT9/CLKO/T1) PB1	2	39	PA1 (ADC1/PCINT1)
(PCINT10/INT2/AIN0) PB2	3	38	PA2 (ADC2/PCINT2)
(PCINT11/OC0A/AIN1) PB3	4	37	PA3 (ADC3/PCINT3)
(PCINT12/OC0B/ \overline{SS}) PB4	5	36	PA4 (ADC4/PCINT4)
(PCINT13/ICP3/MOSI) PB5	6	35	PA5 (ADC5/PCINT5)
(PCINT14/OC3A/MISO) PB6	7	34	PA6 (ADC6/PCINT6)
(PCINT15/OC3B/SCK) PB7	8	33	PA7 (ADC7/PCINT7)
\overline{RESET}	9	32	AREF
VCC	10	31	GND
GND	11	30	AVCC
XTAL2	12	29	PC7 (TOSC2/PCINT23)
XTAL1	13	28	PC6 (TOSC1/PCINT22)
(PCINT24/RXD0/T3*) PD0	14	27	PC5 (TDI/PCINT21)
(PCINT25/TXD0) PD1	15	26	PC4 (TDO/PCINT20)
(PCINT26/RXD1/INT0) PD2	16	25	PC3 (TMS/PCINT19)
(PCINT27/TXD1/INT1) PD3	17	24	PC2 (TCK/PCINT18)
(PCINT28/XCK1/OC1B) PD4	18	23	PC1 (SDA/PCINT17)
(PCINT29/OC1A) PD5	19	22	PC0 (SCL/PCINT16)
(PCINT30/OC2B/ICP) PD6	20	21	PD7 (OC2A/PCINT31)

PIN ASSIGNMENT:

PA0: stop button input

PA1: play button input

PA2: down button input

PA3: up button input

PA4: fast forward toggle button input

PA5 - PA6: LEDs

PB0 - PB5: LEDS

PC0 - PC7: LCD

PD0 - PD5: LEDs

PD6 - PD7: LCD