

# GingerMonaka

A-OUT

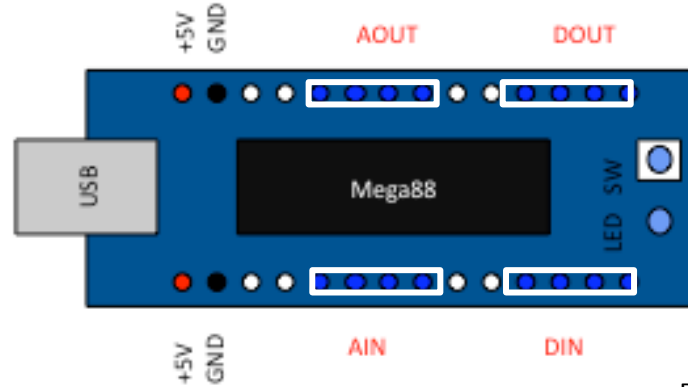
MODE
MODE_1
MODE_2
MODE_3
MODE_4
MODE_5
MODE_6
MODE_7
MODE_8

AOUT-0	AOUT-1	AOUT-2	AOUT-3
M0(O)	M1(O)	TONE	M2(O)
G#4(O)	A3(O)	TONE	A#3(O)
CLOCK	START	TONE	A#3(I)
AOUT-0	AOUT-1	AOUT-2	AOUT-3
G#4(I)	A3(I)	TONE	A#3(I)
G#4(I)	A3(I)	CNTR (I)	A#3(I)
COL00	COL01	COL02	COL03
SERVO-0	SERVO-1	SERVO-2	SERVO-3

D-OUT

DOUT-0	DOUT-1	DOUT-2	DOUT-3
M3(O)	M4(O)	M5(O)	M6(O)
B3(O)	C4(O)	C#4(O)	D4(O)
B3(I)	C4(I)	C#4(I)	D4(I)
B3(O)	C4(O)	C#4(O)	D4(O)
B3(I)	C4(I)	C#4(I)	D4(I)
B3(I)	C4(I)	7TH(I)	MAJOR(I)
COL04	COL05	COL06	COL07
SERVO-4	SERVO-5	C#4(I)	D4(I)

V-USB PORT



A-IN

MODE
MODE_1
MODE_2
MODE_3
MODE_4
MODE_5
MODE_6
MODE_7
MODE_8

AIN-0	AIN-1	AIN-2	AIN-3
C3(O)	D3(O)	D#3(O)	E3(O)
C3(O)	D3(O)	D#3(O)	E3(O)
C3(O)	D3(O)	D#3(O)	E3(O)
AIN-0	AIN-1	AIN-2	AIN-3
C3(I)	D3(I)	D#3(I)	E3(I)
C3(I)	D3(I)	D#3(I)	E3(I)
ROW00	ROW01	ROW02	ROW03
C3(O)	D3(O)	D#3(O)	E3(O)

D-IN

DIN-0	DIN-1	DIN-2	DIN-3
E#3(O)	F3(O)	F#3(O)	G3(O)
E#3(O)	F3(O)	F#3(O)	G3(O)
E#3(O)	F3(O)	F#3(O)	G3(O)
E#3(I)	F3(I)	F#3(I)	G3(I)
E#3(I)	F3(I)	F#3(I)	G3(I)
E#3(I)	F3(I)	F#3(I)	G3(I)
ROW04	ROW05	ROW06	ROW07
E#3(O)	F3(O)	F#3(O)	G3(O)

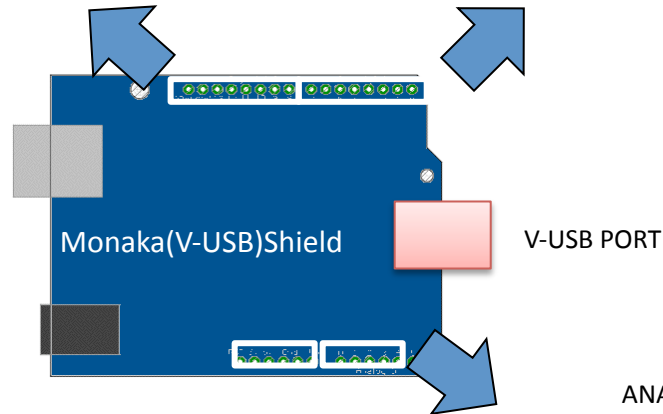
# ArduinoMonaka

DIGITAL

MODE	AREF	GND	D13	D12	D11	D10	D9	D8
MODE_1	AREF	GND	LED	SW	M3(O)	M2(O)	TONE	F#3(O)
MODE_2	AREF	GND	LED	SW	B3(I)	A#3(I)	TONE	F#3(O)
MODE_3	AREF	GND	LED	SW	B3(I)	A#3(I)	TONE	F#3(O)
MODE_4	AREF	GND	LED	SW	B3(O)	AOUT-3	AOUT-2	F#3(I)
MODE_5	AREF	GND	LED	SW	B3(I)	A#3(I)	TONE	F#3(I)
MODE_6	AREF	GND	LED	SW	B3(I)	A#3(I)	CNTR (I)	F#3(I)
MODE_7	AREF	GND	LED	SW	COL04	COL03	COL02	ROW06
MODE_8	AREF	GND	LED	SW	SERVO-4	SERVO-3	SERVO-2	F#3(O)

DIGITAL

D7	D6	D5	D4	D3	D2	D1	D0
M6(O)	M0(O)	M1(O)	M5(O)	M4(O)	USB	G3(O)	USB
D4(O)	G#4(O)	A3(O)	C#4(O)	C4(O)	USB	G3(O)	USB
D4(I)	CLOCK	START	C#4(I)	C4(I)	USB	G3(O)	USB
D4(O)	AOUT-0	AOUT-1	C#4(O)	C4(O)	USB	G3(I)	USB
D4(I)	G#4(I)	A3(I)	C#4(I)	C4(I)	USB	G3(I)	USB
MAJOR(I)	G#4(I)	A3(I)	7TH(I)	C4(I)	USB	G3(I)	USB
COL07	COL00	COL01	COL06	COL05	USB	ROW07	USB
D4(I)	SERVO-0	SERVO-1	C#4(I)	SERVO-5	USB	G3(O)	USB



ANALOG

MODE	A0	A1	A2	A3	A4	A5
MODE_1	C3(O)	D3(O)	D#3(O)	E3(O)	E#3(O)	F3(O)
MODE_2	C3(O)	D3(O)	D#3(O)	E3(O)	E#3(O)	F3(O)
MODE_3	C3(O)	D3(O)	D#3(O)	E3(O)	E#3(O)	F3(O)
MODE_4	AIN-0	AIN-1	AIN-2	AIN-3	E#3(I)	F3(I)
MODE_5	C3(I)	D3(I)	D#3(I)	E3(I)	E#3(I)	F3(I)
MODE_6	C3(I)	D3(I)	D#3(I)	E3(I)	E#3(I)	F3(I)
MODE_7	ROW00	ROW01	ROW02	ROW03	ROW04	ROW05
MODE_8	C3(O)	D3(O)	D#3(O)	E3(O)	E#3(O)	F3(O)