

		BOARD 1																BOARD 2																																																											
	NUM MIDI	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	#	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	#	70	#	#	73	#	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103
	NOTAS	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G	G#	A	A#	B	C	C#	D	D#	E	F	F#	G												
Number represents the wire in the	INPUT A	1	1	1	1	1	1	1	1	3	3	3	3	3	3	3	3	5	5	5	5	5	5	5	5	7	7	7	7	7	7	7	7	18	18	18	18	18	18	18	18	20	#	20	#	#	20	#	20	22	22	22	22	22	22	22	22	24	24	24	24	24	24	24	24	26	26	26	26	26	26	26	26	35	35	35	35
	INPUT B	2	2	2	2	2	2	2	2	4	4	4	4	4	4	4	4	6	6	6	6	6	6	6	6	8	8	8	8	8	8	8	8	17	17	17	17	17	17	17	17	19	#	19	#	#	19	#	19	21	21	21	21	21	21	21	21	23	23	23	23	23	23	23	23	25	25	25	25	25	25	25	25	36	36	36	36
	OUTPUT	9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	16	9	10	11	12	13	14	15	16	27	28	29	30	31	32	33	34	27	#	29	#	#	32	#	34	27	28	29	30	31	32	33	34	27	28	29	30	31	32	33	34	27	28	29	30								

KEYS CONNECTOR 1

1	2	3	4	5	6	7	8		
9	10	11	12	13	14	15	16		

KEYS CONNECTOR 2

17	18	19	20	21	22	23	24	25	26
27	28	29	30	31	32	33	34	35	36

ARDUINO MEGA PINOUT

5v	23	25	27	29	31	33	35	37	39	41	43	45	47	49	51	53	GND
5v	22	24	26	28	30	32	34	36	38	40	42	44	46	48	50	52	GND

21
20
19
18
17
16
15
14

CONNECTION TO ARDUINO

C	A	C	A
1	18	17	34
2	19	18	36
3	22	19	38
4	24	20	40
5	26	21	42
6	28	22	44
7	30	23	46
8	32	24	48
9	20	25	50
10	21	26	52
11	23	27	35
12	25	28	37
13	27	29	39
14	29	30	41
15	31	31	43
16	33	32	45
		33	47
		34	49
		35	51
		36	53

C = CONECTOR
A = ARDUINO

REPRESENTATION OF A KEY

