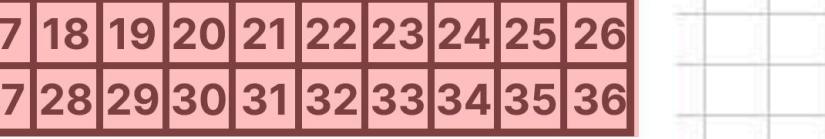


		BOARD 1		BOARD 2																																																																												
NUM	MIDI	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	#	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	#	70	#	#	73	#	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	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	G#	A	A#	B	C	C#	D	D#	E	F	F#	G				
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	18	18	18	18	18	18	18	18	20	#	20	#	#	20	#	20	22	22	22	22	22	22	22	24	24	24	24	24	24	24	26	26	26	26	26	26	26	35	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	17	17	17	17	17	17	17	17	19	#	19	#	#	19	#	19	21	21	21	21	21	21	21	23	23	23	23	23	23	23	25	25	25	25	25	25	25	36	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	31	32	33	34	27	28	29	30	31	32	33	34

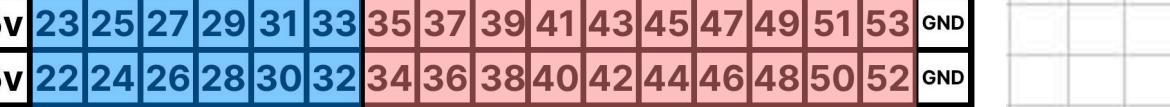
KEYS CONNECTOR 1



KEYS CONNECTOR 2



ARDUINO MEGA PINOUT



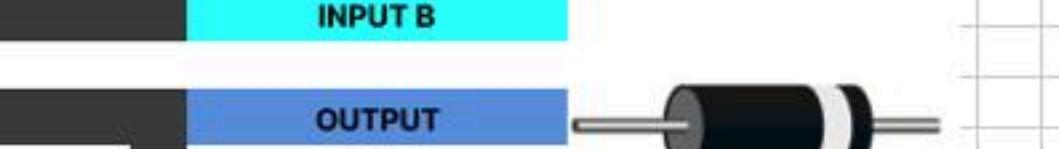
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CONNECTION TO ARDUINO

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

REPRESENTATION OF A KEY



C = CONECTOR  
A = ARDUINO