

Chip	Breadboard Row	Internal Pin Number	MT Pin Y	X Pin Chip Connection	MT Pin X	Notes
A		0	0	B	0	Top GND
A	1	1	1	B	1	
A	2	2	2	B	2	
A	3	3	3	B	3	
A	4	4	4	H	4	
A	5	5	5	H	5	
A	6	6	6	H	6	
A	7	7	7	H	7	
A				C	8	
A				C	9	
A				C	10	
A				C	11	
A				G	12	
A				G	13	
A				G	14	
A				G	15	
B	8	8	0	A	0	
B	9	9	1	A	1	
B	10	10	2	A	2	
B	11	11	3	A	3	
B	12	12	4	C	4	
B	13	13	5	C	5	
B	14	14	6	C	6	
B	15	15	7	C	7	
B				H	8	
B				H	9	
B				H	10	
B				H	11	
B				D	12	
B				D	13	
B				D	14	
B				D	15	
C	16	16	0	D	0	
C	17	17	1	D	1	
C	18	18	2	D	2	
C	19	19	3	D	3	
C	20	20	4	B	4	
C	21	21	5	B	5	
C	22	22	6	B	6	
C	23	23	7	B	7	
C				A	8	
C				A	9	
C				A	10	

C				A	11	
C				E	12	
C				E	13	
C				E	14	
C				E	15	
D	24	24	0	C	0	
D	25	25	1	C	1	
D	26	26	2	C	2	
D	27	27	3	C	3	
D	28	28	4	E	4	
D	29	29	5	E	5	
D	30	30	6	E	6	
D		31	7	E	7	Top +5V
D				F	8	
D				F	9	
D				F	10	
D				F	11	
D				B	12	
D				B	13	
D				B	14	
D				B	15	
E		32	0	F	0	Bottom GND
E	1	33	1	F	1	
E	2	34	2	F	2	
E	3	35	3	F	3	
E	4	36	4	D	4	
E	5	37	5	D	5	
E	6	38	6	D	6	
E	7	39	7	D	7	
E				G	8	
E				G	9	
E				G	10	
E				G	11	
E				C	12	
E				C	13	
E				C	14	
E				C	15	
F	8	40	0	E	0	
F	9	41	1	E	1	
F	10	42	2	E	2	
F	11	43	3	E	3	
F	12	44	4	G	4	
F	13	45	5	G	5	
F	14	46	6	G	6	
F	15	47	7	G	7	

F				D	8	
F				D	9	
F				D	10	
F				D	11	
F				H	12	
F				H	13	
F				H	14	
F				H	15	
G	16	48	0	H	0	
G	17	49	1	H	1	
G	18	50	2	H	2	
G	19	51	3	H	3	
G	20	52	4	F	4	
G	21	53	5	F	5	
G	22	54	6	F	6	
G	23	55	7	F	7	
G				E	8	
G				E	9	
G				E	10	
G				E	11	
G				A	12	
G				A	13	
G				A	14	
G				A	15	
H	24	56	0	G	0	
H	25	57	1	G	1	
H	26	58	2	G	2	
H	27	59	3	G	3	
H	28	60	4	A	4	
H	29	61	5	A	5	
H	30	62	6	A	6	
H		63	7	A	7	Bottom +5V
H				B	8	
H				B	9	
H				B	10	
H				B	11	
H				F	12	
H				F	13	
H				F	14	
H				F	15	

