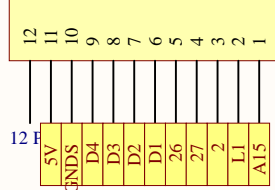


# Arduino Mega Shield

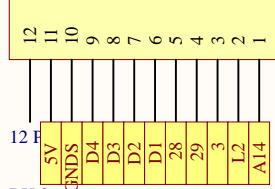
VIN	VIN	13	13
5V@0	5V	14(TX3)	14
5V@1	5V	15(RX3)	15
5V@2	5V	16(TX2)	16
3.3V	3.3V	17(RX2)	17
AREF	AREF	18(TX1)	18
RESET	RESET	19(RX1)	19
A0	A0(RX0)	20(SDA)	20
A1	A1(TX0)	21(SCL)	21
A2	A2	22	22
A3	A3	23	23
A4	A4	24	24
A5	A5	25	25
A6	A6	26	26
A7	A7	27	27
A8	A8	28	28
A9	A9	29	29
A10	A10	30	30
A11	A11	31	31
A12	A12	32	32
A13	A13	33	33
A14	A14	34	34
A15	A15	35	35
0	0(RX0)	36	36
1	1(TX0)	37	37
2	2	38	38
3	3	39	39
4	4	40	40
5	5	41	41
6	6	42	42
7	7	43	43
8	8	44	44
9	9	45	45
10	10	46	46
11	11	47	47
12	12	48	48
GND@0	GND	49	49
GND@1	GND	50	50
GND@2	GND	51	51
GND@3	GND	52	52
GND@4	GND	53	53

## Arduino Mega board footprint

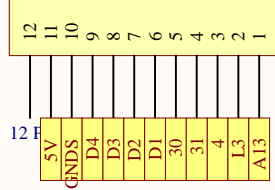
RU 1



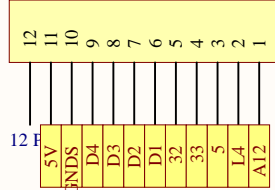
RU 2



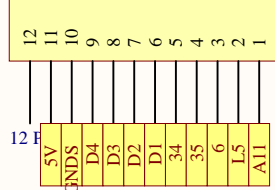
RU 3



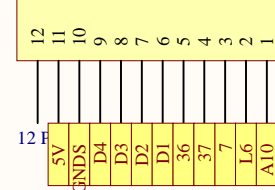
RU 4



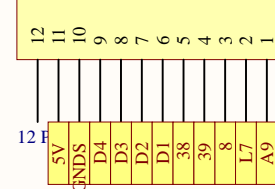
RU 5



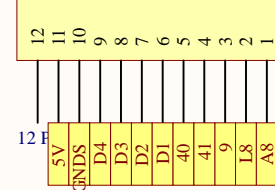
RU 6



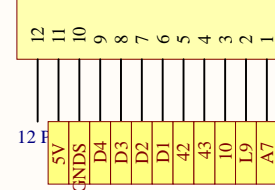
RU 7



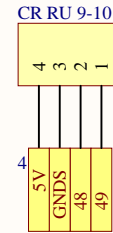
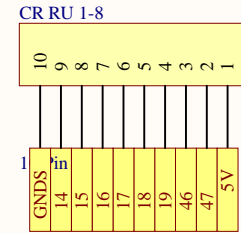
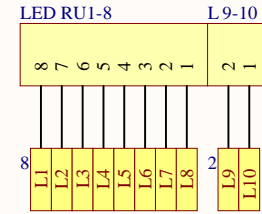
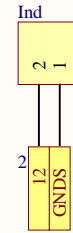
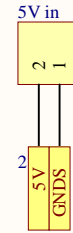
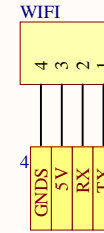
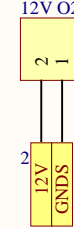
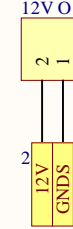
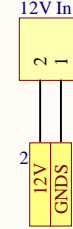
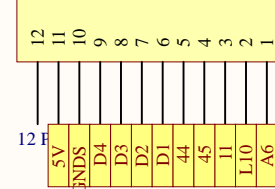
RU 8



RU 9



RU 10



Comment	Description	Designator	Footprint	LibRef	Quantity
2 Pin		5V in, 12V In, 12V O1, 12V O2, Ind, L 9-10	MOLEX KK 0022272021	2 Pin	6
Arduino Mega board footprint		Arduino Mega Shield	ARDUINO_MEGA	ARDUINO-MEGAFULL	1
10 Pin		CR RU 1-8	MOLEX KK 0022272101	10 Pin	1
4 Pin		CR RU 9-10, WIFI	MOLEX KK 0022272041	4 Pin	2
8 Pin		LED RU1-8	MOLEX KK 0022272081	8 Pin	1
12 Pin		RU 1, RU 2, RU 3, RU 4, RU 5, RU 6, RU 7, RU 8, RU 9, RU 10	MOLEX KK 0022272061	12 Pin	10