

Partlist

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Assembly variant:

Part	Value	Package	Library	Position (mm)	Orientation
C1	22nF	C050-024X044	rcl	(46.355 45.085)	R90
C2	22nF	C050-024X044	rcl	(41.275 45.085)	R90
C3	22nF	C050-024X044	rcl	(36.195 45.085)	R90
C4	22nF	C050-024X044	rcl	(31.115 45.085)	R90
C5	22nF	C050-024X044	rcl	(26.035 45.085)	R90
C6	22nF	C050-024X044	rcl	(20.955 45.085)	R90
C7	22nF	C050-024X044	rcl	(15.875 45.085)	R90
C8	22nF	C050-024X044	rcl	(10.795 45.085)	R90
C9	22nF	C050-024X044	rcl	(46.355 15.875)	R270
C10	22nF	C050-024X044	rcl	(36.195 15.875)	R270
C11	22nF	C050-024X044	rcl	(41.275 15.875)	R270
C12	22nF	C050-024X044	rcl	(31.115 15.875)	R270
C13	22nF	C050-024X044	rcl	(26.035 15.875)	R270
C14	22nF	C050-024X044	rcl	(20.955 15.875)	R270
C15	22 nF	C050-024X044	rcl	(15.875 15.875)	R270
C16	22nF	C050-024X044	rcl	(10.795 15.875)	R270
C17	100 nF	C050-024X044	rcl	(60.325 57.785)	R0
C18	220 µF 6V	E5-6	rcl	(54.61 16.51)	R180
D1	1N4004	DO41-10	diode	(53.975 11.43)	R180
IC1	MCP23017SP	DIL28-3	adafruit	(33.02 30.48)	R0
R1	10 k	0207/12	rcl	(8.255 15.875)	R270
R2		0207/12	rcl	(13.335 15.875)	R270
R3	10 k	0207/12	rcl	(18.415 15.875)	R270
R4		0207/12	rcl	(23.495 15.875)	R270
R5		0207/12	rcl	(28.575 15.875)	R270
R6		0207/12	rcl	(33.655 15.875)	R270
R7		0207/12	rcl	(38.735 15.875)	R270
R8		0207/12	rcl	(43.815 15.875)	R270
R9		0207/12	rcl	(43.815 45.085)	R90
R10		0207/12	rcl	(38.735 45.085)	R90
R11		0207/12	rcl	(33.655 45.085)	R90
R12		0207/12	rcl	(28.575 45.085)	R90
R13		0207/12	rcl	(23.495 45.085)	R90
R14		0207/12	rcl	(18.415 45.085)	R90
R15		0207/12	rcl	(13.335 45.085)	R90
R16	10 k	0207/12	rcl	(8.255 45.085)	R90
WEMOS1		WEMOS-D1-MINI	esp8266modules	(64.77 39.37)	R0
X1	MKDSN1,5/2-5,08	MKDSN1,5/2-5,08	con-phoenix-508	(56.515 4.445)	R0
X3	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(46.355 4.445)	R0
X4	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(31.115 4.445)	R0
X5	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(15.875 4.445)	R0
X6	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(41.275 56.515)	R180
X7	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(26.035 56.515)	R180
X8	MKDSN1,5/3-5,08	MKDSN1,5/3-5,08	con-phoenix-508	(10.795 56.515)	R180