

Comment	Description	Designator	Footprint	LibRef	Quantity
Tantalum capacitor, 10µF, 16V, ±10%, 30hΩ case A (3216), -55...+125°C		C1	CAP: TANTAL-A	Tantal_A	1
Ceramic capacitor, 0.1µF, X7R, ±10%, 16V, 0603 - 55...+125°C		C2	CAP: 0603	Ceramic_0603	1
Aluminium capacitor, 470µF, 10V, ±20%, , 14x10x5 mm -40...+105°C		C3, C4	CAP: D6.3C2.5H11	Aluminium	2
Tantalum capacitor, 1µF, 35V, ±10%, 7.5hΩ case A (3216), -55...+125°C		C5, C7, C9, C11, C13, C15, C17, C19, C21, C23, C25, C27	CAP: TANTAL-A	Tantal_A	12
Ceramic capacitor, 0.01µF, X7R, ±10%, 50V, 0603 - 55...+125°C		C6, C8, C10, C12, C14, C16, C18, C20, C22, C24, C26, C28	CAP: 0603	Ceramic_0603	12
MBI5050GP	16ch PWM LED Driver	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12	MBI5050GP	MBI5050GP	12
200mA		FU1	1210L020WR	1210L020WR	1
Resistor film, 75, ±1%, 0603 0.1W, -55...+155°C		R1, R4, R5, R7, R8, R10, R11	RES: 0603	Resistor_0603	7
Resistor film, 51, ±1%, 0603 0.1W, -55...+155°C		R2, R3, R6, R9, R12	RES: 0603	Resistor_0603	5
Connector, 2pin, 2.54mm 500VAC, 3A		X1	CON: PLS-2	PLS-2	1
Connector, 8pin, 2.54mm 500VAC, 3A		X2, X8	CON: PLS-8	PLS-8	2
Connector, 20pin, 2.54mm 500VAC, 3A		X3, X4	CON: PBS-20	PBS-20	2
Connector, 14pin, 2.54mm 500VAC, 3A		X5	CON: PLS-14	PLS-14	1
Connector, 16pin, 2.54mm 500VAC, 3A		X6	CON: PLS-16	PLS-16	1
Connector, 2pin, 4.14mm 600VAC, 9.5A	Power plug, to board, 2 pins	X7	CON: TE 1-770166-0	TE 1-770166-0	1
Connector, 8pin, 2.54mm 500VAC, 3A		X16, X17, X18, X20, X21, X22, X23, X24, X26, X27, X28, X29, X30, X31, X32, X34, X35, X36	CON: PBS-8	PBS-8	24
Connector, 16pin, 2.54mm		X11, X19, X25, X33	CON: PBS-16	PBS-16	4