

Bill of Materials: mcp23017_300.fzz

Shopping List

Amount	Part Type	Properties	Stk. pris	ialt
2	Ceramic Capacitor	Capacitance 100nF; voltage 35V; package 100 mil		
2	MCP20017	MCP23017; pin spacing 300mil; 28 ben;		
	4	Screw terminal		
OR	4	Spring Terminal		
	1	Generic female header 90 deg.		
2	Generic male header	Pins 40; pin spacing 0.1in (2.54mm);		
2	Generic male header	Pins 3; pin spacing 0.1in (2.54mm);		
2	Generic male header	Pins 7; pin spacing 0.1in (2.54mm);		
2	10kΩ Resistor	Resistance 10kΩ;		
1	PCB	mcp23017_300.fzz		

Bill of Materials: SporskifteDriver_001.fzz

Shopping List

Amount	Part Type	Properties
1	Generic male header – 90 Deg - 40 pins	Pins 40; pin spacing 0.1in (2.54mm); 90 Deg.
OR	8 Screw terminal	KF128; pin spacing 0.1in (2.54mm); 9 Pol
	8 Spring Terminal	KF141R; pin spacing 0.1in (2.54mm); 9 Pol
4	Motor Driver 1A Dual TB6612FNG	TB6612FNG
16	220Ω Resistor	Resistance 220Ω;
4	PC847 / TLP620-4	Package DIP (Dual Inline); pin spacing 300mil;
1	PCB	SporskifteDriver_001.fzz

Bill of Materials: SignalDriver_001.fzz

Shopping List

Amount	Part Type	Properties	Stk. pris	ialt
2	ULN2803A	ULN2803A; package THT		
1	Generic male header - 90 Deg.	Pins 20; pin spacing 0.1in (2.54mm);		
2	Generic male header - 2 pins	Pins 2; pin spacing 0.1in (2.54mm);		
OR	2 Screw terminal	KF128; pin spacing 0.1in (2.54mm); 9 Pol		
	2 Spring Terminal	KF141R; pin spacing 0.1in (2.54mm); 9 Pol		
16	220Ω Resistor	Resistance 220Ω;		
1	PCB	SignalDriver_001.fzz		

Bill of Materials: LedStripDriver_002.fzz

Shopping List

Amount	Part Type	Properties
2	ULN2803A	variant ULN2803A; package THT
1	Generic male header - 90 Deg.	Pins 20; pin spacing 0.1in (2.54mm);
2	Generic male header - 2 pins	Pins 2; pin spacing 0.1in (2.54mm);
4	Generic male header - 5 pins	Pins 5; pin spacing 0.1in (2.54mm);
16	Basic FET N-Channel	IRFZ44; package TO220 ;
2	8 Resistor Network	SIL 8x470R; package SIP (Single Inline);
16	10Ω Resistor	Resistance 10Ω;
1	PCB	LedStripDriver_002.fzz