

LTS Respooler - Needed Hardware

Maker's Supply Parts

Most of the needed parts can be purchased through the *Maker's Supply* store. All these parts are needed in addition to the PCB Kits on the LTS Design website.

The cooling fan is optional, you don't have to buy it.

If you buy the fully assembled Electronics Case, you don't need the parts labeled *

 608zz P5 Steel Deep Groove Ball... B-EA028	x 7 ✓	 6001zz Steel Deep Groove Ball B... B-EA035	x 1 ✓
 MR85zz Steel Deep Groove Ball ... B-EA013	x 1 ✓	 M3 Carbon Steel Hex Nut (20PCS... B-AB005	x 1 ✓
 M3x6 SHCS Machine Screw (20P... B-AA036	x 2 ✓	 M3x10 SHCS Machine Screw (20... B-AA159	x 2 ✓
 M3x16 SHCS Machine Screw (10... B-AA039	x 1 ✓	 M2x8 SHCS Machine Screw (20P... B-AA023	x 1 ✓
 10PCS 4mm Stainless Steel Balls... B-FA003	x 1 ✓	 HTD 408-3M-10 Timing Belt (1PC... B-RD014	x 2 ✓
 Momentary Button Module with ... B-XA008	x 1 ✓ *	 WS2812 RGB LED with IDC0.8 4P... B-KB003	x 1 ✓ *
 3004 Slim Micro Fan 5V with 2pi... B-JB001	x 1 ✓ *	 5PCS 200mm Wire Pair with SH1.... B-IC007	x 1 ✓ *
 Self-Locking Button Switch with ... B-IA006	x 1 ✓ *		

Buy Now

Download BOM

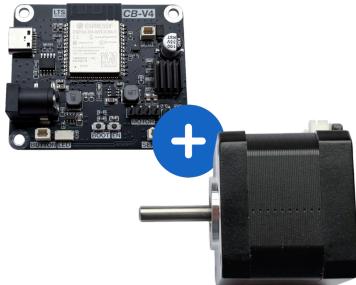


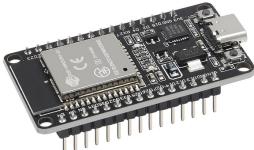
Use the MakerWorld website to order

LTS Respooler - Needed Hardware

Other Parts

In addition to the Maker's supply parts, you have three options of PCB Kits, or you can buy the complete Electronics Case. For each option, the additional parts required are listed below:

ESP32 PCB	Control Board	Power Pack
		
Order Here	Order Here	Order Here
Additional needed parts: <ul style="list-style-type: none">• Maker's Supply parts• ESP32 Dev Board• TMC2209 Stepper Driver• Nema 17 Motor	Additional needed parts: <ul style="list-style-type: none">• Maker's Supply parts• Nema 17 Motor	Additional needed parts: <ul style="list-style-type: none">• Maker's Supply parts

ESP 32 Dev Board		Amazon* Aliexpress Ebay
TMC2209 Stepper Driver		Amazon* Aliexpress Ebay
Nema 17 Motor (38 mm length)		Amazon* Aliexpress Ebay

*Amazon Affiliate Link: LTS Design may earn a small commission for purchases using this link.