



# PROTON

Latest Update: 2017/03/08

Part Description	零件說明	Qty	Example Source
<b>Printed parts</b>			
Center Holder.stl		1	
Extruder Arm.stl		1	
Extruder Holder.stl		1	
Base1.stl		1	
Base 2.stl		1	
Base 3.stl		1	
Motor Holder.stl		1	
Print bed Holder1.stl		1	
Print bed Holder2.stl		1	
Top Handle.stl		1	
<b>Extruder</b>			
<b>Mechanical parts</b>			
ATOM 2.5 MK3 with 0.4mm Nozzle (for 2.5)	ATOM MK3 噴頭 0.4mm 口徑 (2.5專用)	1	
Upper Hotend Windshield	上擋風片	1	
Extruder Spring v2 ( 8.5 x 1.1 x 11R x 32L)	擠料彈簧 v2 ( 8.5 x 1.1 x 11R x 32L)	1	
Extruder Drive Gear v2 (SUS) with M3-3 Headless Hex	擠料輪 v2 (不鏽鋼, 含止付螺絲 M3-3 )	1	
Hotend - Filament Junction Connector	噴頭 - 連接環 MK3	1	
Stepper Motor 42HS48	步進馬達 42HS48	4	<a href="https://world.taobao.com/item/40903030936.htm?spm=a312a.7700">https://world.taobao.com/item/40903030936.htm?spm=a312a.7700</a>
Steel Print Bed (250 x 190mm)	不鏽鋼印床 (250 x 190mm)	1	
M3 Spring	M3 鎖螺絲彈簧	4	<a href="https://world.taobao.com/item/20807555431.htm?spm=a312a.7700">https://world.taobao.com/item/20807555431.htm?spm=a312a.7700</a>
Bearings 608ZZ (8 x 22 x 7mm)	軸承 608ZZ (8 x 22 x 7mm)	2	<a href="https://world.taobao.com/item/38906567928.htm?spm=a312a.7929">https://world.taobao.com/item/38906567928.htm?spm=a312a.7929</a>
2gt Timing Belt (380mm)	2gt 時規皮帶 (380mm)	1	
2gt Timing Pulley (20 Tooth) with M4-4 Headless Hex	2gt 同步輪 (20 齒, 含止付螺絲 M4-4 )	1	<a href="https://world.taobao.com/item/45127067074.htm?spm=a312a.7700">https://world.taobao.com/item/45127067074.htm?spm=a312a.7700</a>
Bearings MR105ZZ	軸承 MR105ZZ	5	<a href="https://detail.tmall.com/item/43255476847.htm?spm=a312a.770071">https://detail.tmall.com/item/43255476847.htm?spm=a312a.770071</a>
Bearings LM8UU	直線軸承 LM8UU (8 x 15 x 24mm)	4	<a href="https://detail.tmall.com/item.htm?spm=a220m.1000858.1000725.1">https://detail.tmall.com/item.htm?spm=a220m.1000858.1000725.1</a>
Copper Sleeve (8 x 12 x 20mm)	無油石墨銅套 (8 x 12 x 20mm)	7	<a href="https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C">https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C</a>
Copper Sleeve (12 x 16 x 20mm)	無油石墨銅套 (12 x 16 x 20mm)	6	<a href="https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C">https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C</a>
Coupler D20L25	連軸器 D20L25	3	<a href="https://world.taobao.com/item/41888519507.htm?spm=a312a.7700">https://world.taobao.com/item/41888519507.htm?spm=a312a.7700</a>
Shaft $\phi$ 12, 295mm	光軸 $\phi$ 12, 295mm (雙頭平面15mm, 攻牙M3 10mm)	3	
Shaft $\phi$ 8, 295mm	光軸 $\phi$ 8, 295mm (雙頭平面15mm, 攻牙M3 10mm)	1	
Shaft $\phi$ 8, 250mm	光軸 $\phi$ 8, 250mm (雙頭平面15mm, 攻牙M3 10mm)	2	
Shaft $\phi$ 8, 300mm	光軸 $\phi$ 8, 300mm (單頭平面15mm, 攻牙M3 10mm / 單頭平面 $\phi$ 5, 20mm)	1	
Screw Shaft $\phi$ 8, 278mm (lead of the twist 12)	T型螺桿 $\phi$ 8, 275mm (導程12, 含螺母)	1	<a href="https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C">https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C</a>
Screw Shaft $\phi$ 8, 278mm (lead of the twist 4)	T型螺桿 $\phi$ 8, 275mm (導程4, 含螺母)	1	<a href="https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C">https://tradearchive.taobao.com/trade/detail/trade_snap.htm?spm=C</a>
<b>Electronics</b>			
2510 Back Fan (685mm Green Orange 28AWG)	2510 後吹風扇 (685mm 綠橘 28AWG)	1	
XYZ Endstop (1200mm Black 28AWG)	3軸微動開關 (1200mm 灰色 28AWG)	2	
Power Switch (300mm Black Wire 18AWG)	電源開關 (300mm 黑色 18AWG)	1	
DC Connector (300mm Red Black 18AWG)	大電流DC端子母座 (300mm 紅黑 18AWG)	1	
Capacitive sensor M8*45mm	圓形電容式接近開關 M8*45mm	1	
DC Adaptor + IEC Cable	DC 變壓器 + IEC 電源線	1	DPS-90AB-3
Quick Wire Connector 3PIN	快接線器 3PIN	3	
Wire 200mm Black 22AWG	電源線 (200mm 黑色 22AWG)	1	
Wire 200mm Red 22AWG	電源線 (200mm 紅色 22AWG)	1	
SD Card	SD卡	1	
2004LCD+MEGA2560+R3 RAMPS1.4 + A4988x5	2004LCD+MEGA2560+R3 RAMPS1.4控制板+A4988驅動晶片x5	1	<a href="https://world.taobao.com/item/44385041914.htm?fromSite=main&amp;">https://world.taobao.com/item/44385041914.htm?fromSite=main&amp;</a>
<b>Screws, nuts and washers</b>			
M2-10 Hex Screw	內六角螺絲 M2-10	2	
M3-10 Hex Screw	內六角螺絲 M3-10	16	
M3-15 Hex Screw	內六角螺絲 M3-15	19	
M3-25 Hex Screw	內六角螺絲 M3-25	8	
M3-30 Hex Screw	內六角螺絲 M3-30	4	
M5-8 Hex Screw	內六角螺絲 M5-8	1	
M3 Nut	M3 螺帽	9	
M3 Washer	M3 墊片	18	
M3 Nyloc Nut	M3 防鬆螺母	8	
M3-6 Counter Sink Hex	血頭內六角螺絲 M3-6	4	
M5-20 Thin Head Screw	薄頭內六角螺絲 M5-20	2	<a href="https://world.taobao.com/item/43615009274.htm?spm=a312a.7700">https://world.taobao.com/item/43615009274.htm?spm=a312a.7700</a>

Others			
Cable Tie Black	束線帶 黑	10	
PTFE Tube (2 x 4 x 470mm)	鐵弗龍管 (2 x 4 x 870mm)	1	
Cable Tube (1000 mm)	集線管 (1000 mm)	1	