

i3 BOM				
item	Description	Qty.	Unit	Remark
1	Extruder	1	kit	Pre-assembled K Extruder with J head and Fan
2	Heated bed	1	kit	Pre-assembled Mk2b with glass and Thermistors
3	Power supply	1	pcs	Mean well NES-200-12
4	Melzi Electronics	1	pcs	Firmware is ready
5	Laser cut Frame	1	kit	Drawing number: 20131225
6	Printed parts	1	kit	For Pangu i3
7	M6 threaded rods	2	pcs	约295mm, Z
8	M8 threaded rods	1	pcs	about 290m for back of base
9	M8 threaded rods	2	pcs	about 415mm, for base
10	M8 threaded rods	3	pcs	about 215mm, for base
11	smooth rods	2	pcs	384mm 8mm OD smooth rods for X axis
12	smooth rods	2	pcs	405mm 8mm OD smooth rods for Y axis
13	smooth rods	2	pcs	320mm 8mm OD smooth rods for Z axis
14	Nylon spacer	4	pcs	For the Melzi Electronics
15	Winding tube	2	meter	For finishing wires
16	625 Bearing	4	pcs	For XY idler
17	Linear Bearings	10	pcs	LMSUU, Pre-assembled into the printed parts
18	Motor	4	pcs	NEMA17 5.5KG*CM
19	Couplings	2	pcs	With hollow screws, 2kits
20	belt	1.8	meter	GT2-6mm
21	Pulley	2	pcs	For X and Y, with hollow screws
22	endstops	3	pcs	with wires
23	USB cable	1	pcs	
24	terminal	2	pcs	for Z motor wires
25	zip tie	20	pcs	
26	Power line	1	pcs	
27	M5 nut	2	pcs	For XY idler
28	M5*20 bolt	2	pcs	For XY idler
29	M4*20 bolt	2	pcs	to fix the extruder on the X carriage
30	M4 nut	2	pcs	to fix the extruder on the X carriage
31	M4*10 bolt	4	pcs	to fix the power supply on the frame
32	M8x30 washer	2	pcs	to fix the frame and the base
33	M8 nut	40	pcs	for base
34	M8 washer	40	pcs	for base
35	M3*12 bolt	10	pcs	to fix the Z and Y motor
36	M3*16 bolt	26	pcs	to fix the frame
37	M3*20 bolt	8	pcs	to fix the X motor and Melzi
38	M3 nut	26	pcs	to fix the frame
39	M3 flat washer	36	pcs	to fix the frame
40	M3 spring washer	36	pcs	to fix the frame
41	M3*25 bolt	1	pcs	Z-axis end stop is triggered by it
42	M2 bolt	6	pcs	to fix the end stop
43	M2 nut	6	pcs	to fix the end stop
44	M6 nut	2	pcs	For Z axis M6 threaded rods