

Applicable component introduction

1. Common resistance, capacitance, inductance and diode (applicable ★★★★★)

British system (mil)	metrication (mm)	length (mm)	width (mm)	highly (mm)	Normal Power (W)	Braid width (mm)
0402	1005	1.0	0.5	0.30	1/16	8
0603	1608	1.6	0.8	0.40	1/16	8
0805	2012	2.0	1.2	0.50	1/10	8
1206	3216	3.2	1.6	0.55	1/8	8
1210	3225	3.2	2.5	0.55	1/4	8
1812	4832	4.8	3.2	0.55	1/2	8
2010	5025	5.0	2.5	0.55	1/2	12
2512	6432	6.4	3.2	0.55	1	12
...						

● LL34 (applicable ★★★★★)



2. Patch IC series introduction

● SOP series (applicable ★★★★★)



SOP-8 (SO8) narrow body



SOP-16 (SO16) narrow body



SOP-20 (wide-bodied)

Note: The above IC with tape wide 12mm or 16mm, could directly loading to the tape reel feeder for placement, or loading to front IC Plate if it's not reel tape package.

- SSOP、TSSOP (applicable ★★)



TSSOP-20



TSSOP-16



TSSOP-28

Note: most of the TSSOP IC are generally tubular package, could loading to front IC Plate for placement.

- QFP、TQFP (applicable ★)



TQFP-32



TQFP-44



TQFP-48

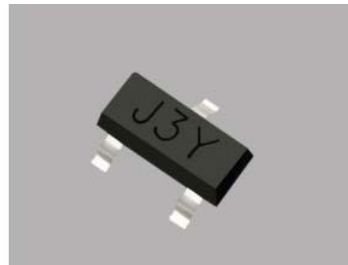
Note: Most TQFP is tray package, a few is reel tape package, both of them could only be loaded to the front IC Plate。

Note: our machine only support IC components with fine-pitch space greater than 0.5 and the appearance size less than 16 * 16 mm.

- SOT series (applicable ★★★★★)



SOT-223



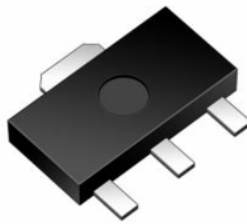
SOT-23



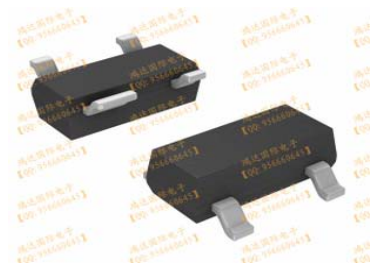
SOT-23-5



SOT-23-5



SOT-89



SOT-143

Note: SOT series are commonly with reel tape package, either 8mm or 12 mm, could directly loading to the tape reel feeder for placement.

- TO252 (applicable ★★★★★)



TO-252

Note: 16mm reel tape package, could directly loading to the tape reel feeder for placement.

- SMA (applicable ★★★★★)



SMA



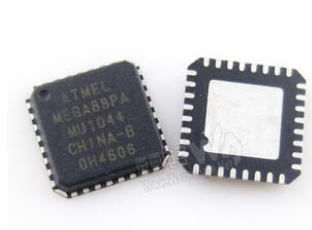
SMB

Note: Both SMA and SMB are applicable for our machine.

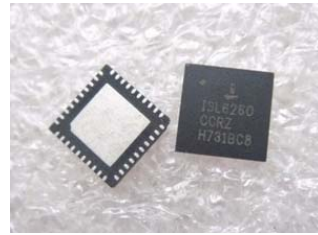
- QFN (Not recommended)



QFN32



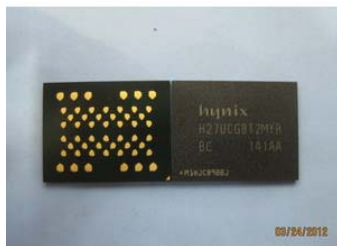
QFN32



QFN40

Note: High placement difficulty as the chip pin is in the bottom of the IC. Not recommended.

- BGA (Not applicable)



Note: Not applicable.