

# 320pin BGA Pin Layout suggestions

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Hi All,

I am looing at laying out 320pin BGA on a PCB like this one.

<http://www.standardics.nxp.com/packaging/package.outlines/pdf/sot824-1.pdf>

The pitch between balls is 0.5mm. The internal cpu speed is 220MHz but the external I think is ~60MHz.

It has a JTAG port

Questions

Q1

How many PCB layers would you recommend and why

Q2

Is there anything else I should watch out for?

Any other pointers on this beast would be appreciated.

Regards

Joseph

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