



Locate near DUT power pin

NOTE:FERRITE BEAD FB1 =

Manufacture Part Number	Z@100MHz	PkgSz	DC res.	Current(Ma)
Fair-Rite 2504021217Y0	120	0402	0.5	200
muRata BLM18AG601SN1D	220	0402	0.65	300
muRata BLM158B121SN1	120	0402	0.35	300
TDK MMZ100S5241A	240	0402	0.18	200
TECSTAR TB4532153121	120	0402	0.3	300

Revision history  
0.1 02/24/16 first publication

**Layout notes.**

1. Separate Xout and Xin traces by at least 3 x the trace width.
2. Do not share crystal load capacitor ground via with other components.
3. Route power from bead through bulk capacitor pad then through 0.1uF capacitor pad then to clock chip Vdd pad.
4. Do not share ground vias. One ground pin one ground via.
5. Exposed pad should be grounded but is not required.

**Integrated Device Technology**

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