

Permanent magnets as coil cores?

Source: <http://sci.tech-archive.net/Archive/sci.electronics.repair/2008-05/msg00383.html>

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 - *Date:* Mon, 12 May 2008 15:43:59 GMT
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What are the benefits of using a permanent magnet for a coil core.
I recently came across a design for a switching power supply that used magnets as cores for the inductor. I have never heard of such a thing, except maybe in speakers.

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