
Subject: Home-Made Random Number Generator
Posted by [RWilliamson3](#) on Fri, 09 Nov 2012 15:38:36 GMT
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I have found a project with a hardware random number generator

Subject: Re: Home-Made Random Number Generator
Posted by [FreddoW](#) on Mon, 12 Nov 2012 09:56:06 GMT
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It looks like an op-amp generator.

Subject: Re: Home-Made Random Number Generator
Posted by [TRNG98](#) on Tue, 13 Nov 2012 07:55:46 GMT
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We manufacture professional true random number generators, and some use a similar configuration with operational amplifiers. We always build these generators using a shield against external (intentional) noise, to prevent the generator to be controlled by external means. An example would be the TRNG9815.

Subject: Re: Home-Made Random Number Generator
Posted by [EllaDerward](#) on Tue, 13 Nov 2012 23:04:51 GMT
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Isn't it an unstable oscillator? There is no feedback on the last op-amp, that works like a comparator?

Subject: Re: Home-Made Random Number Generator
Posted by [RWilliamson3](#) on Sun, 18 Nov 2012 13:37:14 GMT
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There is a BIG difference between just "random" and a professional generator. The stakes are also a bit different. Game servers run in some kind of vault in Malta, so you can not just knock your screwdriver against it if there is a glitch. :d :d