

Re: Should I earth my supply ground?

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- *From:* Stanislaw Flatto <[compaid@xxxxxxxxxxxxxxxxxxxxx](mailto:compaid@xxxxxxxxxxxxxxxxxxxxx)>
  - *Date:* Wed, 14 Jun 2006 22:44:48 GMT
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siliconmike wrote:

Or in general, why are grounds earthed?

Mike

Theory: "Ground" is an infinite capacitor without any resistance or inductance and can accept currents of any size and frequency without building a voltage difference.

So supposedly it is a reference point and any grounded equipment, working OR faulty does NOT built voltages that can be fatal to people.

(Have you ever got a static shock from body of car, then you know what I mean)

In practice every part of equipment is connected (sometimes) to ground with a wire and the electrical properties of the connection will determine the quality of "grounding".

HTH "in general"

Stanislaw

Slack user from Ulladulla

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