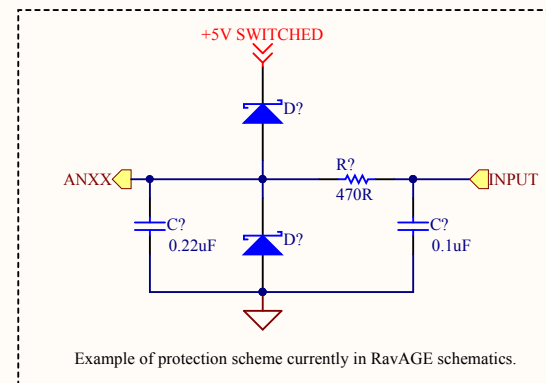


The purpose of this schematic is to outline a proposal for a "crowbar" style of over-voltage protection to be added to the RavAGE "Switched 5V" supply.

The poly fuse's that were originally on the TPS and AUX outputs have been removed in favour of a single poly fuse protecting the entire "Switched 5V" rail. This fuse is required to allow the SCR in the "crowbar" circuit sufficient time to "switch off". If the correct type of poly fuse is selected with sufficient characteristics such as reset time, etc then this could be a viable solution.

The poly fuse shown could be removed and the two that were on the TPS and AUX outputs could also be reinstated if it is decided that we were to rely on the internal short circuit protection within the LM2941S regulator.



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Date: <b>23/12/2012</b> Time: <b>11:41:20 PM</b> Sheet <b>1</b> of <b>1</b>				
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