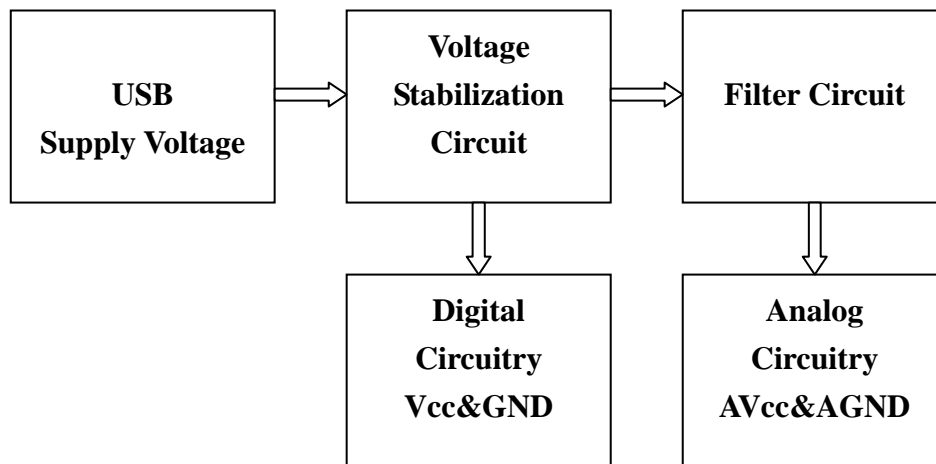


PenMount USB Controller Circuit Design Guide

Date: 2005/2/29

Version: V1.2

1. Power Section: to prevent interference, it is highly recommended that 2 parts be created, these are (a) digital circuitry and (b) analog circuitry. Please refer to the following diagram.



2. When designing your touch controller board, please follow, as is, the PenMount USB circuitry, do not deviate from it. Do not make any deviations to the circuitry, i.e. changes or replacements of components, re-designs of the circuitry, etc.; without first consulting with us.
3. If ESD is required, be reminded to integrate the ESD component into your design. ESD component should be connected to the grounds (earth).

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4. To prevent interference and abnormal performance of the touch panel, please take careful consideration of the type of the Touch Panel tail and the connecting cable; make sure that they are not positioned near high voltage or high frequency components, i.e. Inverter and switching power supply, etc.
5. PIN DEFINITION: Touch Panel left pin is to be connected to the left pin of the PenMount USB controller board, which is analogically correct.
6. If you have any question, please feel free to contact us.

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