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Programming of CVDD rail power supplies

Devices: KeyStone I family of devices

Revisions: All revisions

Customers are required to program their board CVDD supply initial value to 1.1V on all Keystone I devices unless otherwise noted in an authorized change notice (Ex. Device Errata, Field Alert etc.). The initial CVDD voltage at power-on will be 1.1V nominal and it must transition to VID set value, immediately after being presented on the VCNTL pins. This is required to maintain full power functionality and reliability targets guaranteed by TI.

The Hardware Design Guide and Device specific data manuals are currently being updated to include this information in their next release to ti.com. SmartReflex voltage scheme as defined by the device specific data manuals and hardware design guides is absolutely required.

Best Regards,

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