VSRC & VSNK BLOCK DIAGRAM



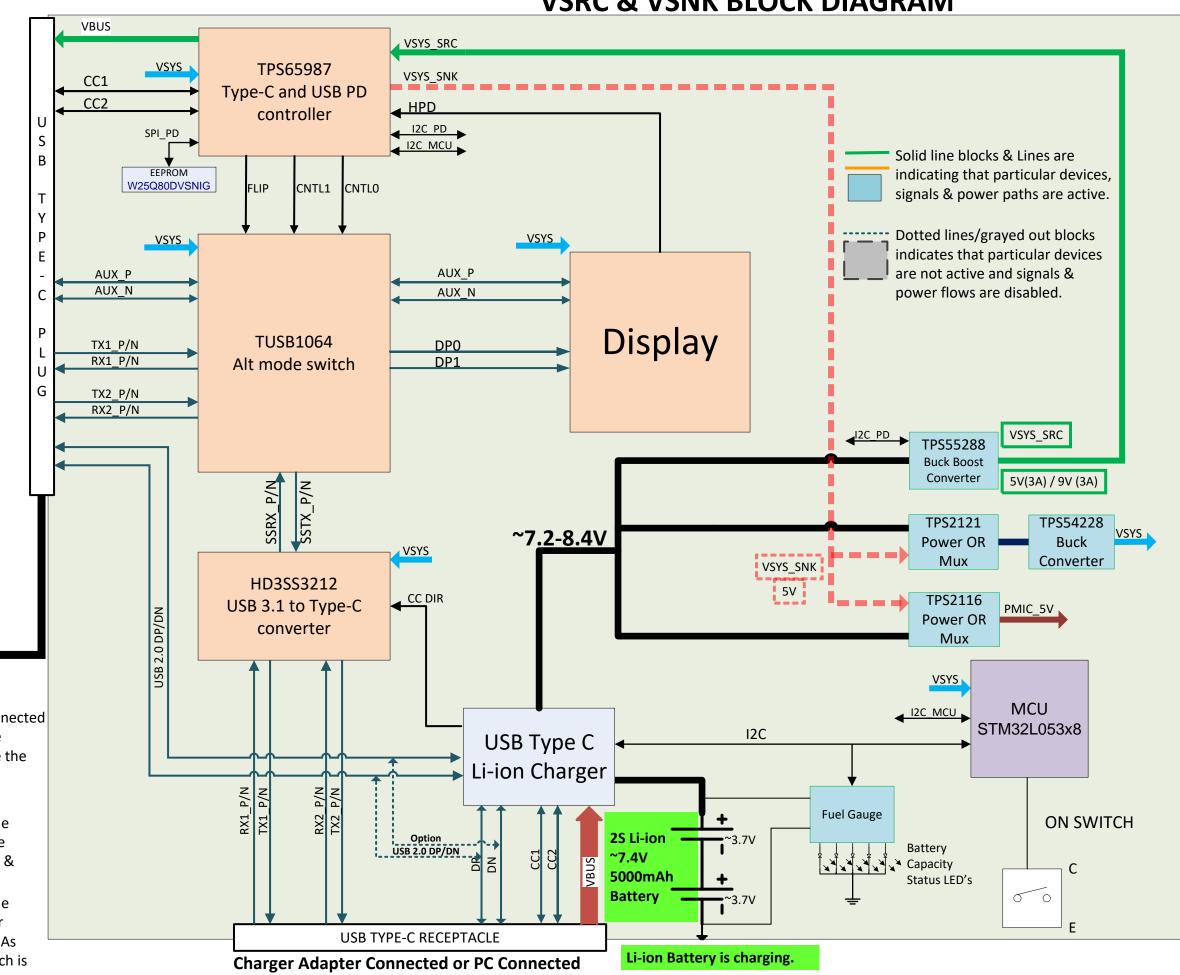
Case 1: Whenever the USB TYPE C Receptacle, connected to a WALL WART ADAPTER, we need to charge the external 2S Li-ion Battery, also we need to provide the power system (which is including Display & Phone connected to TYPE C Plug).

C to C

cable

Case 2:When NO PC/NO Adapter connected at the Receptacle, external 2S Li-ion Battery in discharge mode(provide the power system which is Display & Phone connected to TYPE C Plug)

Case 3:When NO PC/NO Adapter connected at the Receptacle, external 2S Li-ion Battery removed or discharged to dead condition mode. Phone (Acts As Source) shall start provide the power system which is Display & other IC's in the device through PD Controller.



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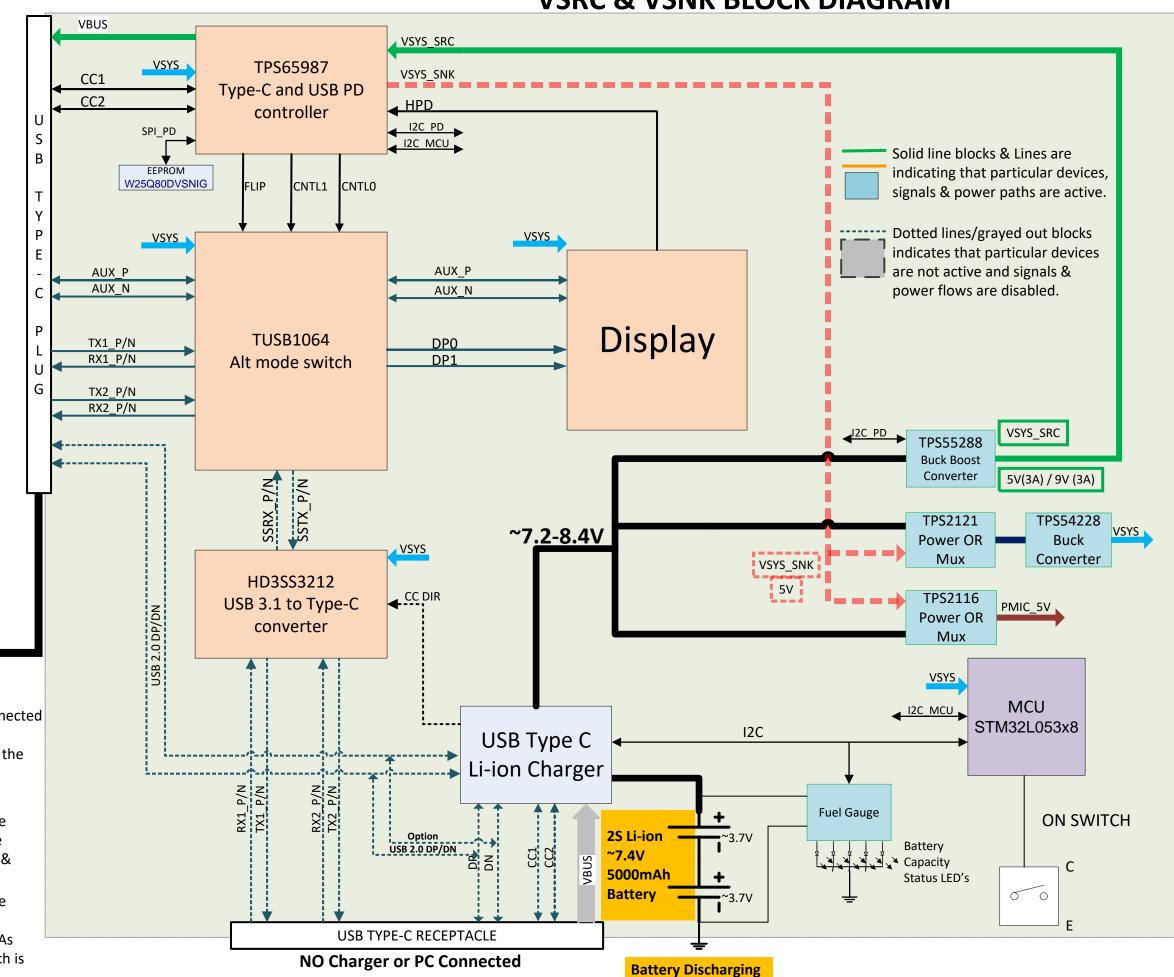
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