

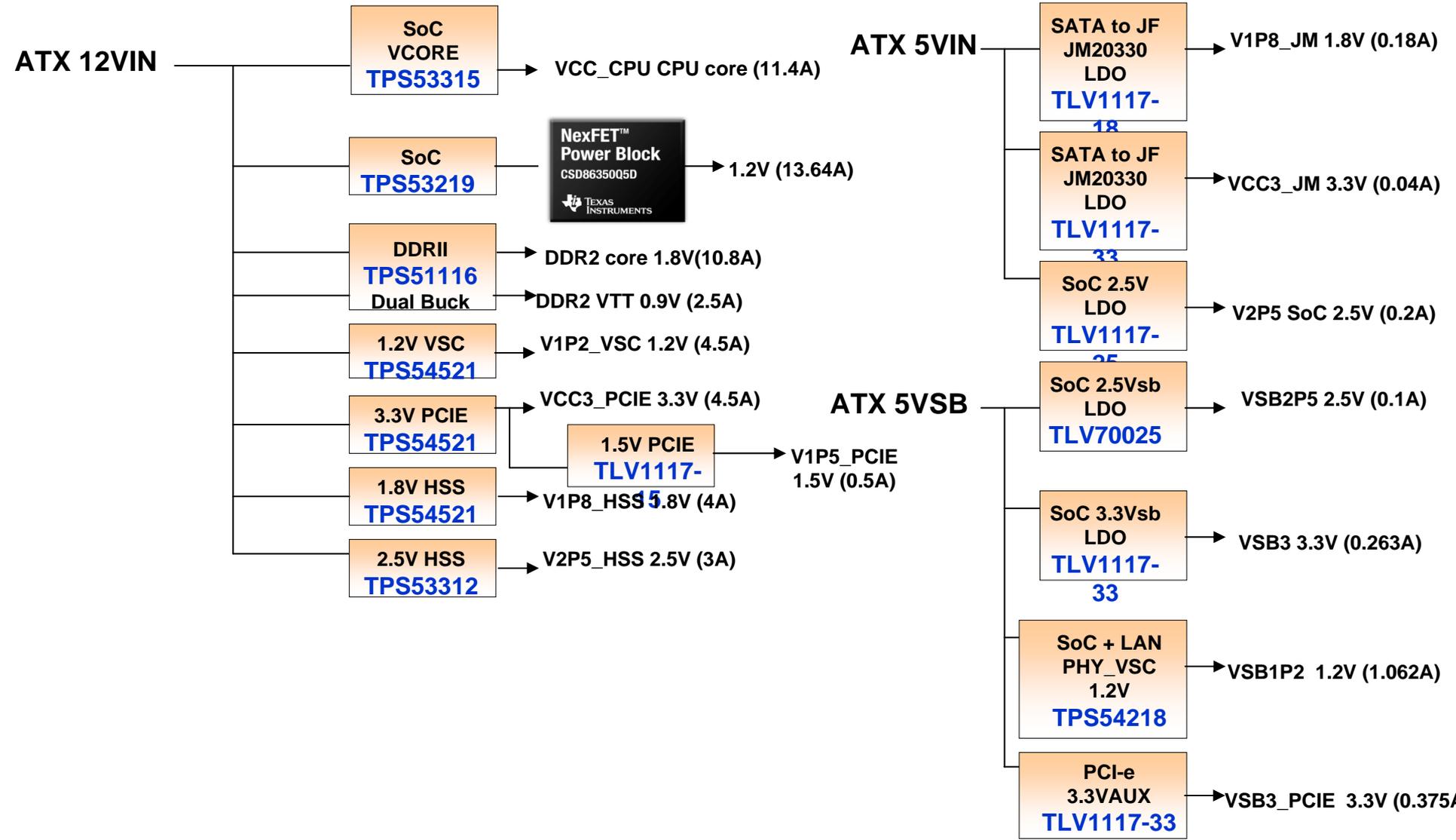
# Intel Tolapai EP80579 SoC PWR Solution

EP80579

Tolapai (Kings Beach Intel CRB)

VSC7389 Giga Switch (1V2_VSC/4.5A)	TPS54521 5A Buck
VSB1P2 (1.2V/1.062A)	TPS54225/6/218 2A Buck
VSB2P5 (2.5V/0.1A)	TLV70025 0.2A LDO
VSB3_PCIE (3.3V/0.375A)	TPS747 0.5A LDO or TLV1117 0.8A LDO
VSB3 (3.3V/0.263A)	TPS720 0.35A LDO or TLV1117 0.8A LDO
VSB2P5 (2.5V/0.1A)	TLV70025 0.2A LDO
V2P5 (2.5V/0.2A)	TLV1117-25 0.8A LDO
V2P5_HSS (12Vin, 2.5V/3A)	TPS53312 3A Buck
V1P8_HSS (12Vin, 1.8V/4A)	TPS54521 5A Buck
V1P8_DDR2 (12Vin, 1.8V/10.8A)	TPS53315 12A Buck or <b>TPS51116 PWM</b> + CSD86330Q3D
DDR2_VTT (1.8Vin, 0.9V/2.5A)	TPS51200 VTT LDO or <b>TPS51116 LDO</b>
VCC_CPU (12Vin, 1.3V/11.4A)	TPS53315 12A Buck
V1P2 (12Vin, 1.2V/13.64A)	TPS53219 + CSD86330Q3D or TPS56121 25A Buck
V1P8_JM (1.8V/0.18A)	TLV1117-18 0.8A LDO
VCC3_JM (3.3V/0.04A)	TLV1117-33 0.8A LDO
VCC3_PCIE (12Vin, 3.3V/4.5A)	TPS54521 5A Buck
V1P5_PCIE (1.5V/0.5A)	TLV1117-15 0.8A LDO
HW I/O Monitor and Sequencer (w/Temp Sensor)	UCD90120/4

# TI Power Solution for Intel EP80579 "Tolapai" SoC



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