

# Intel VR11.1 PWR Solution

**VR12**

***Nehalem/Jasper Forest***

CPU core controller	N/A
DDR core controller	TPS53851 + TPS40180
CPU core/VSA MOSFET Driver	TPS53601 x 5
CPU VTT controller	N/A
CPU core Power Block	CSD86350Q5D
DDR3 Core Power Block	CSD86350Q5D x 3
CPU VTT Power Block	CSD86350Q5D x2
DDR3 termination (0.75V/4A)	TPS40042 + CSD16406Q3 + CSD16401Q5
3V3 SBY (1.4A)	TPS74801 (on CRB) or TPS53311/54218
1V8 PCH/IOH (2A)	TPS74801 (on CRB) or TPS53311/54218
1V05 PCH w/PGOOD (>7A)	TPS51113/63 + CSD16406Q3 + CSD16414Q5 or TPS51315
1V5 PCH (1.5A)	TPS74801 (on CRB), or TPS53311/54218
0V9 AUX/0.9V SB	TPS51100/51200
CPU0/1 SFR PLL (1.1V/1A)	TPS74801 x2 (on CRB)
1V1 SB (1.3A)	TPS54218/53311
1V8 SB (1.2A)	TPS54218/53311
1V2 AUX (BMC)	TPS54218/53311
1V8 AUX, (1.7A, ZOAR & BMC)	TPS54218/53311
1V0 AUX (1.2A, ZOAR & BMC)	TPS54218/53311
3V3 AUX SWITCH	TPS22907
1V5 IOH (2.6A), 1.05V ICH (1.65A)	TPS51217 (VID adj.) + CSD16301Q2 + CSD16406Q3,
If 1V5 IOH only (4.2A)	TPS54521(5A), TPS54618 (6A, ptp w/TPS54418)
1V05 IOH (1.63A)	TPS74801 (on CRB) or TPS54218/53311



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