

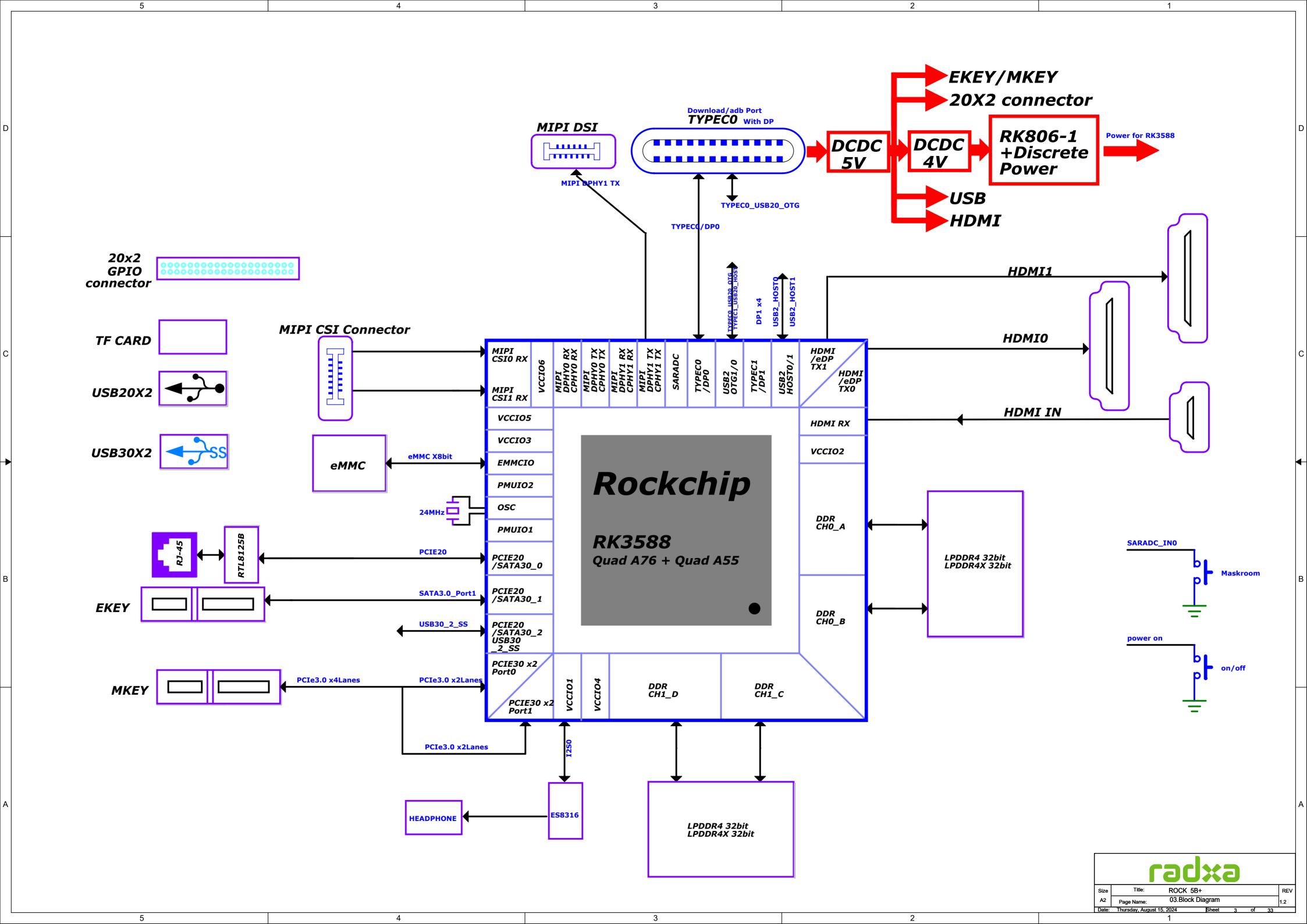
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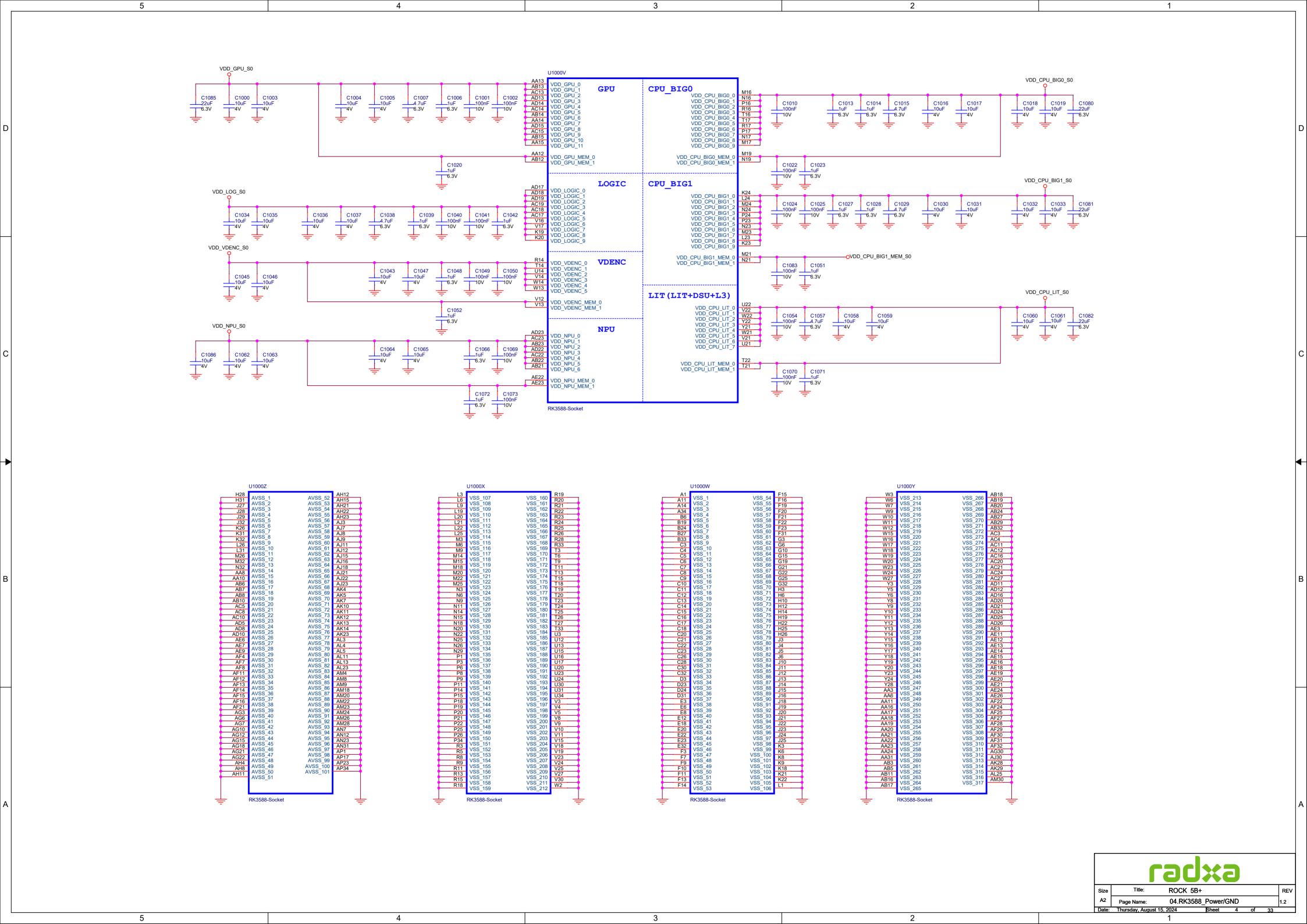
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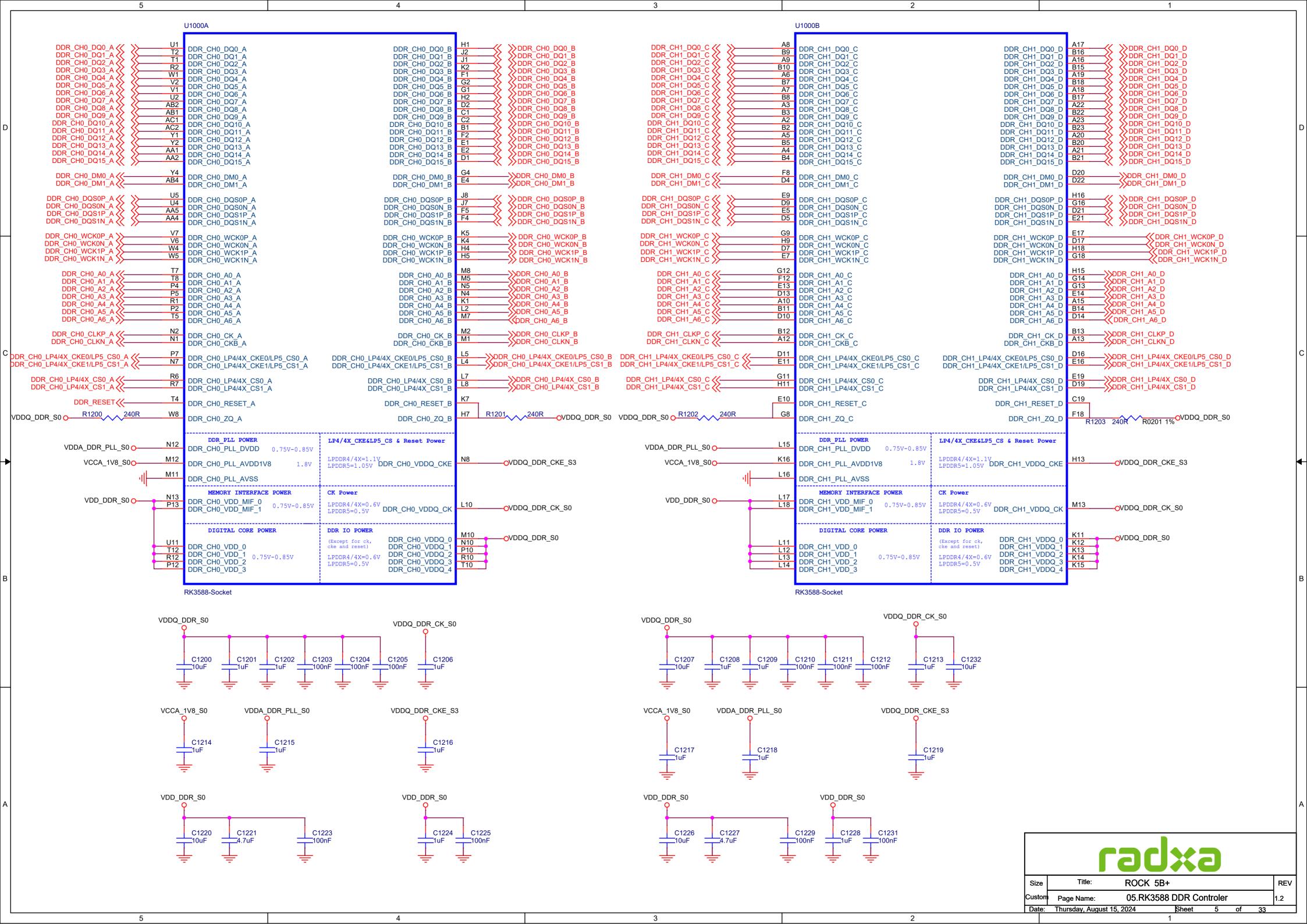
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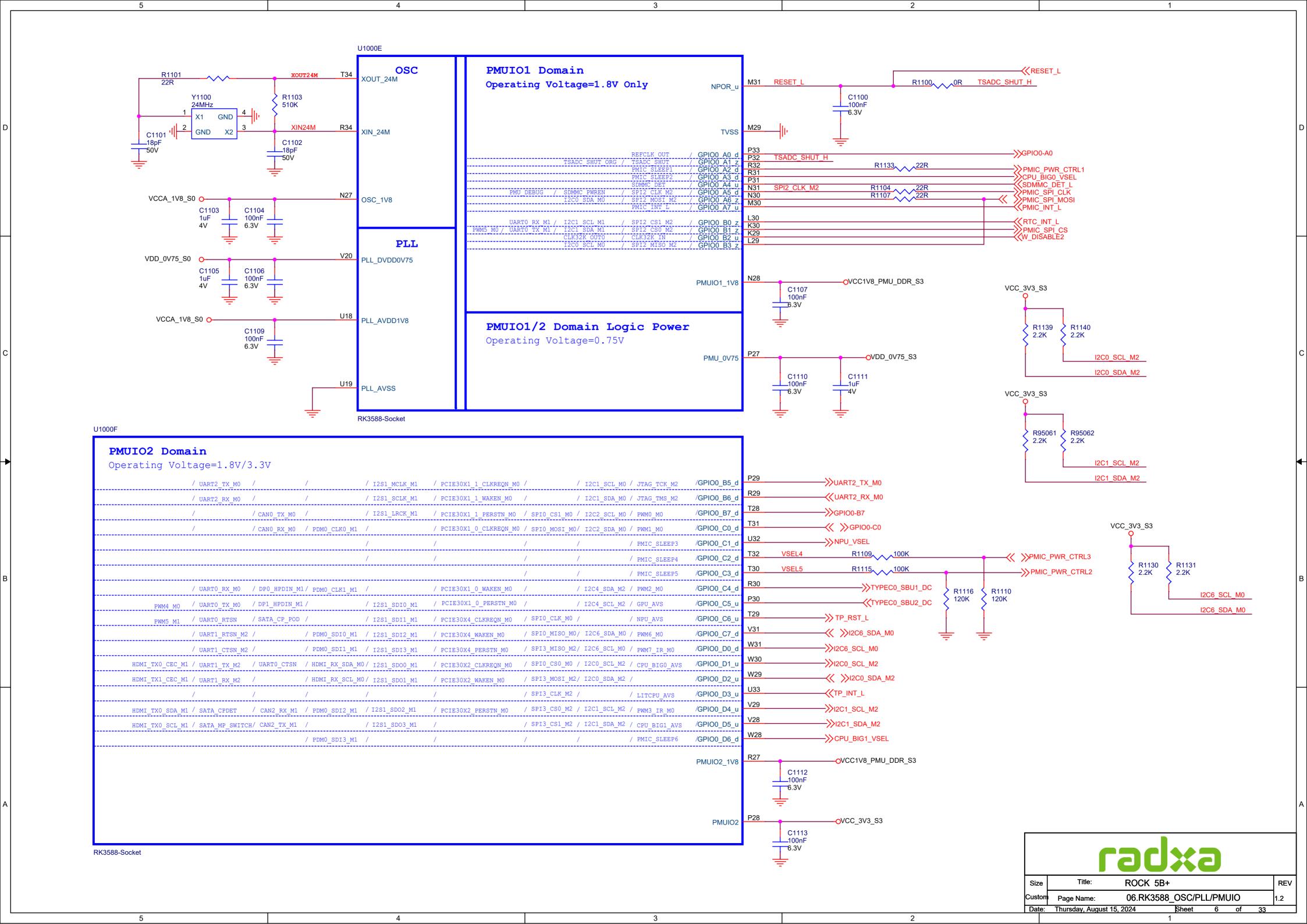
01.Cover 02. Table of Content 03.Block Diagram 04.RK3588 Power/GND 05.RK3588 DDR Controler 06.RK3588 OSC/PLL/PMUIO 07.RK3588 USB30/USB20 Ctrl 08.RK3588 HDMI/eDP Interface 09.RK3588 Flash/SD Controller 10.RK3588 MIPI Interface 11.RK3588 PCIE30/PCIE20/SATA30 12.RK3588 SARADC GPIO 13.RK3588 GPIO 14.LPDDR5 315P 2X32bit 15.Flash-TF Card 16.VI-HDMI2.0 RX 17.VO-HDMI2.1 TX 18. Camera MIPI-CSI 19.VO-LCM MIPI 20. Audio Codec 21.SPI/eMMC Flash 22.PCIE WIFI 23.M.2 \overline{B} key 4G 24.PCIE3.0 M key X2 25.PCIE TO RJ45 26.USB30/20 Port 27.USB20 HUB 28.Type-C Port 29.CONNECT 40pin 30. Power Ext Discrete 31.Power-PMIC RK806-1 32. Power DC $5\overline{V}$ 33. Power TYPEC IN

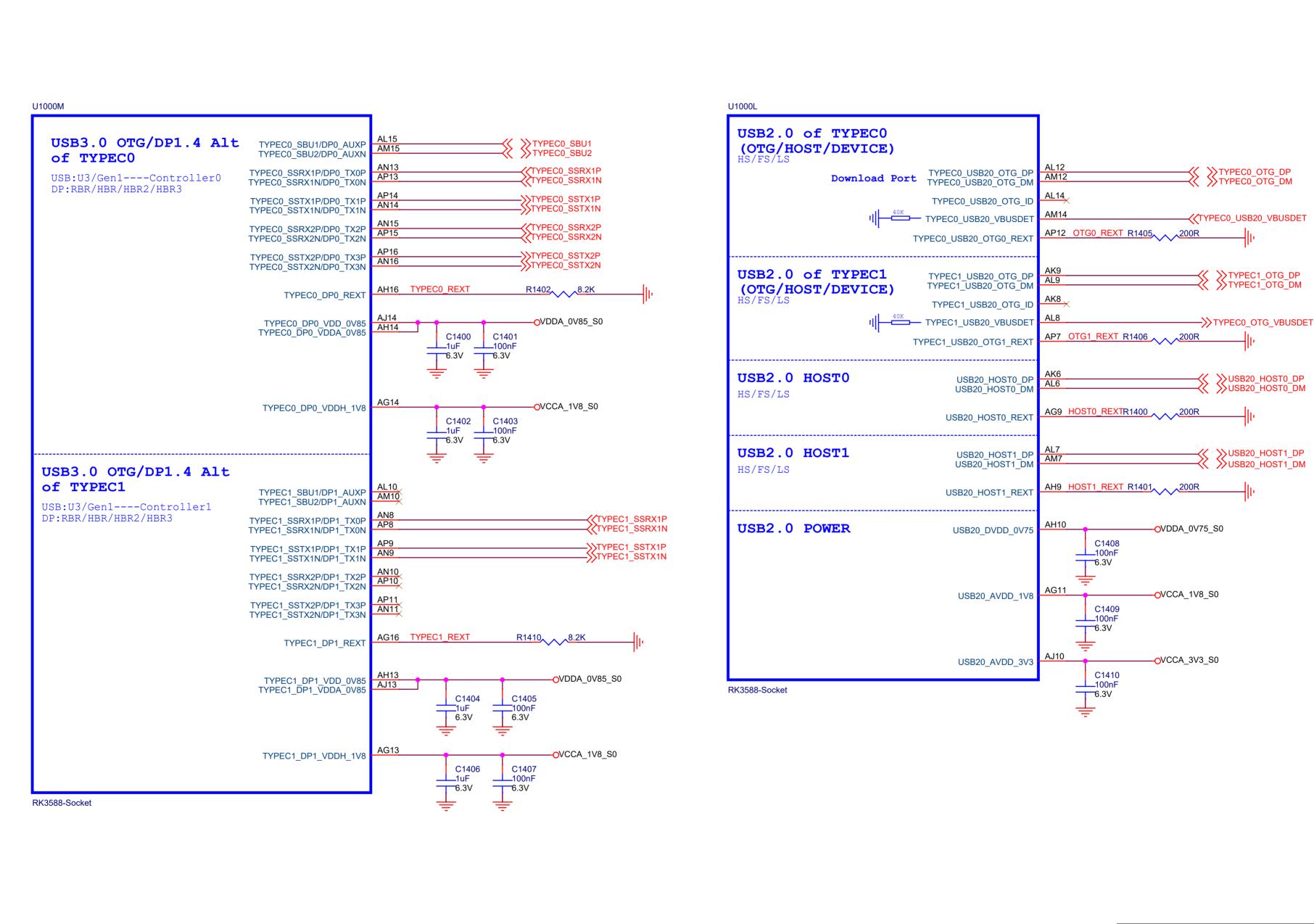
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Size	Title:	ROCK 5B+	REV
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ROCK 5B+ REV 07.RK3588_USB30/USB20_Ctrl Page Name: Date: Thursday, August 15, 2024

>> TYPEC1_OTG_DP TYPEC1_OTG_DM

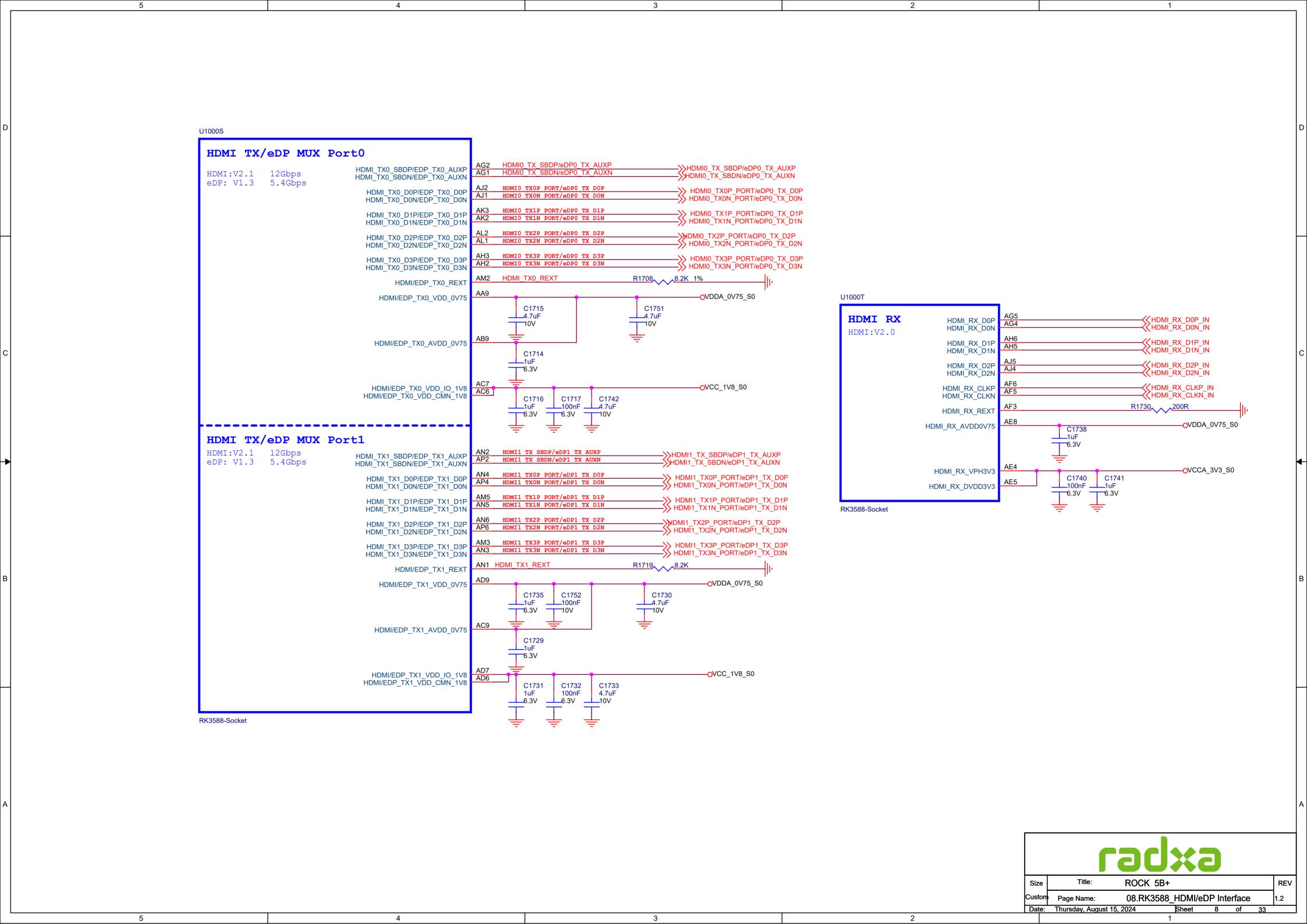
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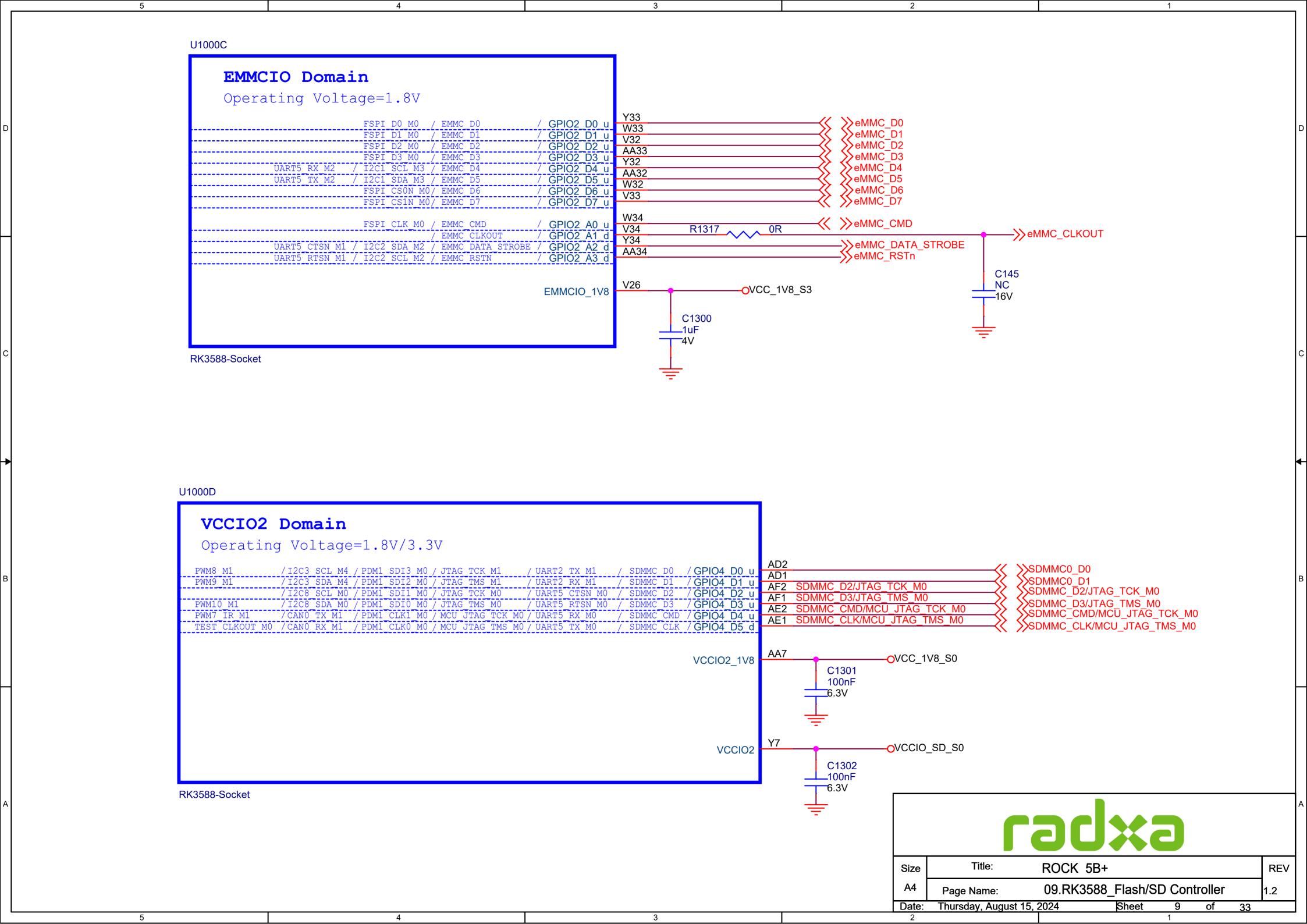
SUSB20 HOST1 DP

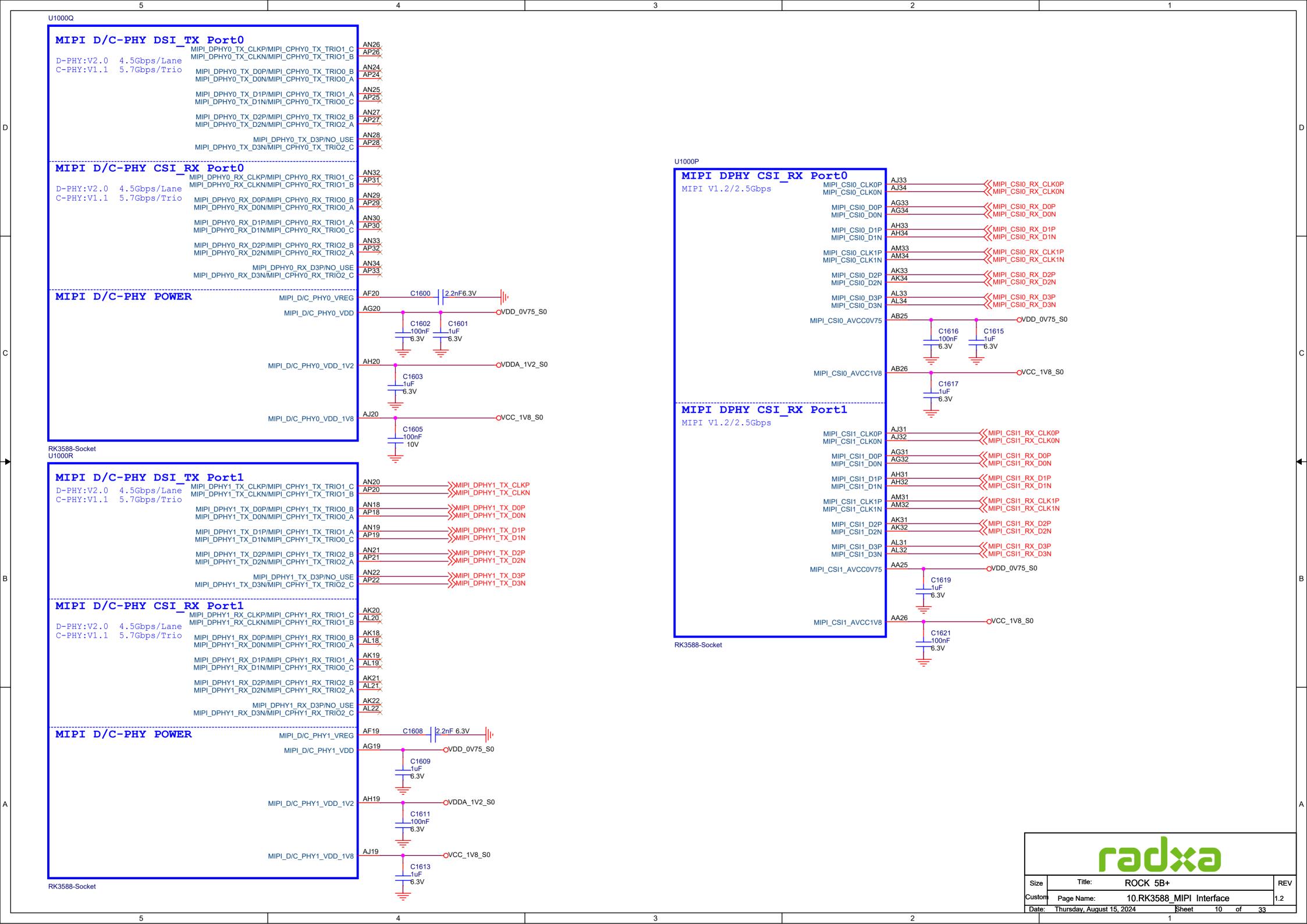
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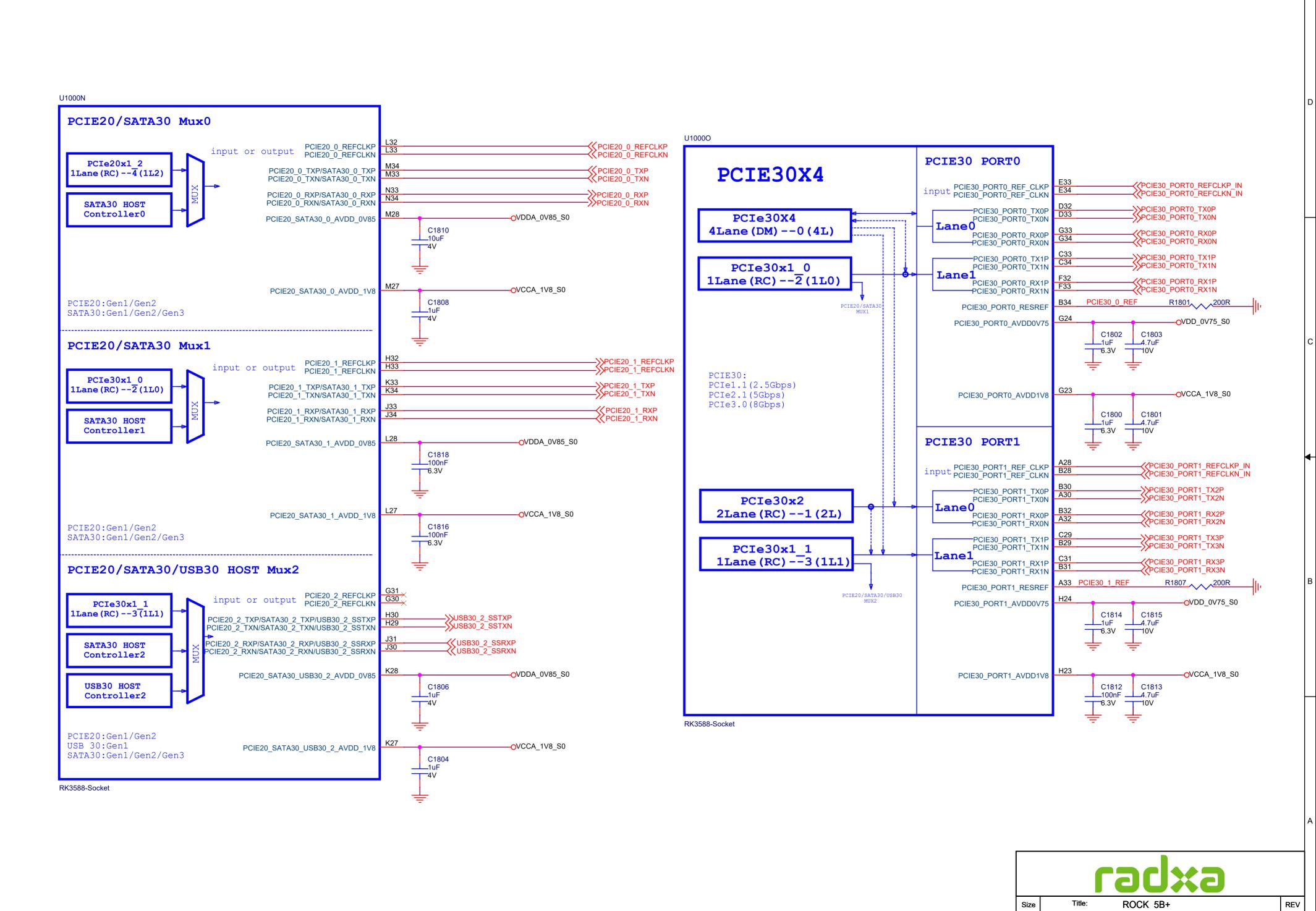
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11.RK3588 PCIE30/PCIE20/SATA30 Page Name: Date: Thursday, August 15, 2024 Sheet 11 of

