VERSION HISTORY

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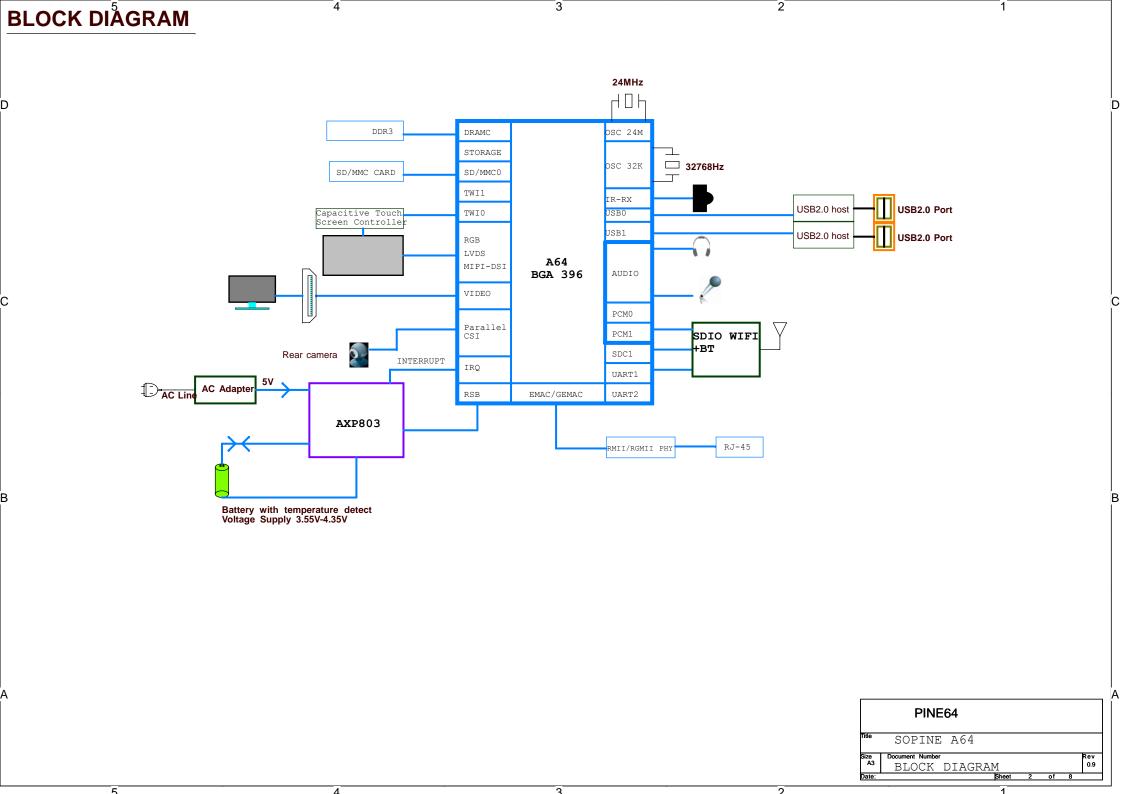
Revision	Description	Date	Drawn	Checked	Approved
Ver 0.9	Release version	2016-08-08			

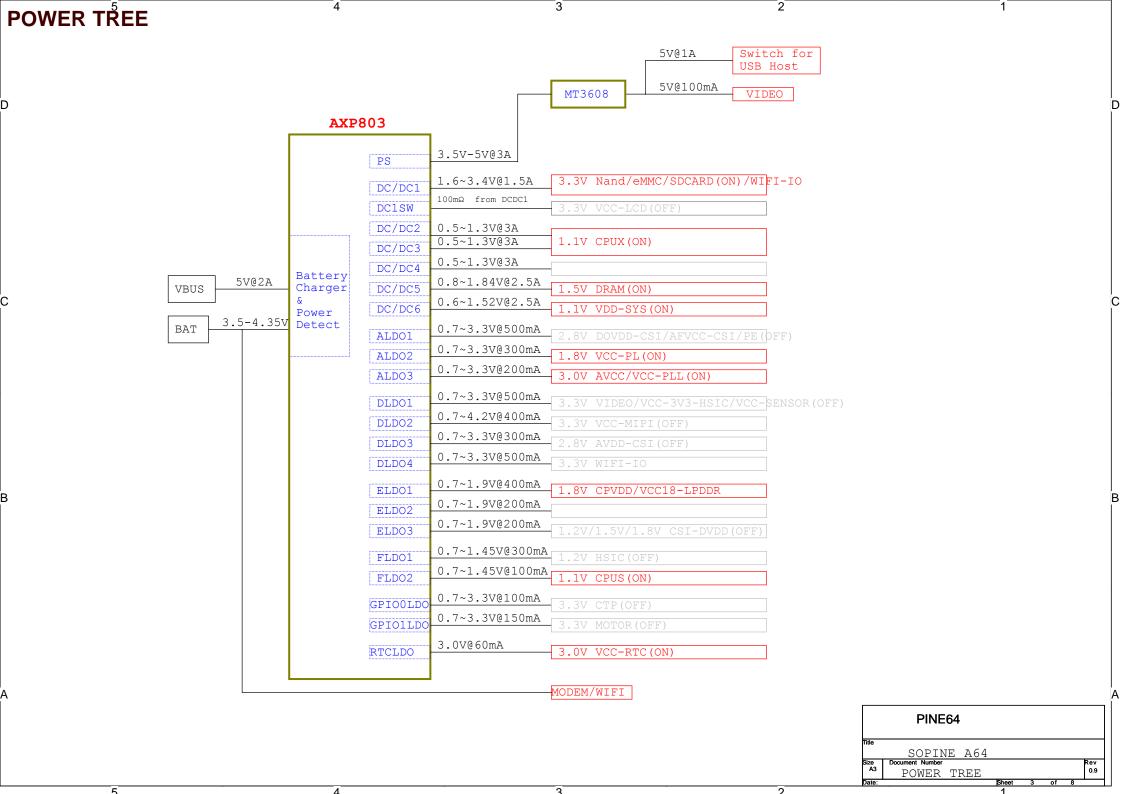
PINE64

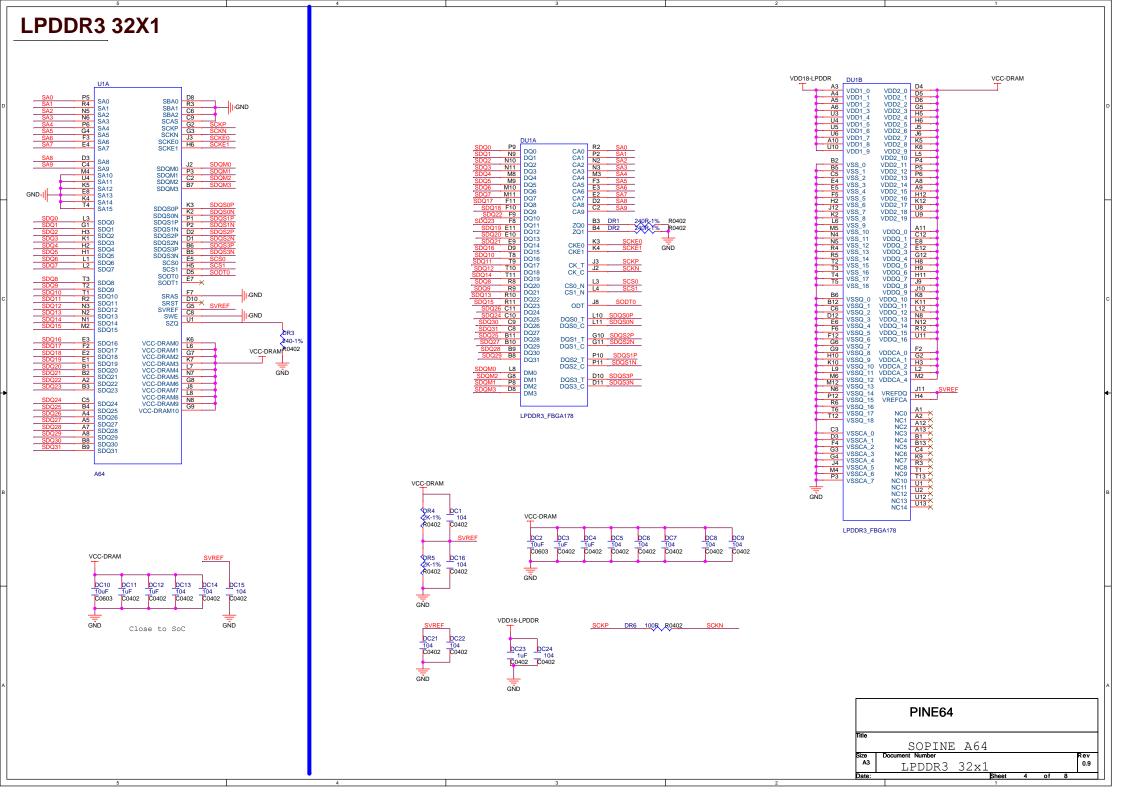
SOPINE A64

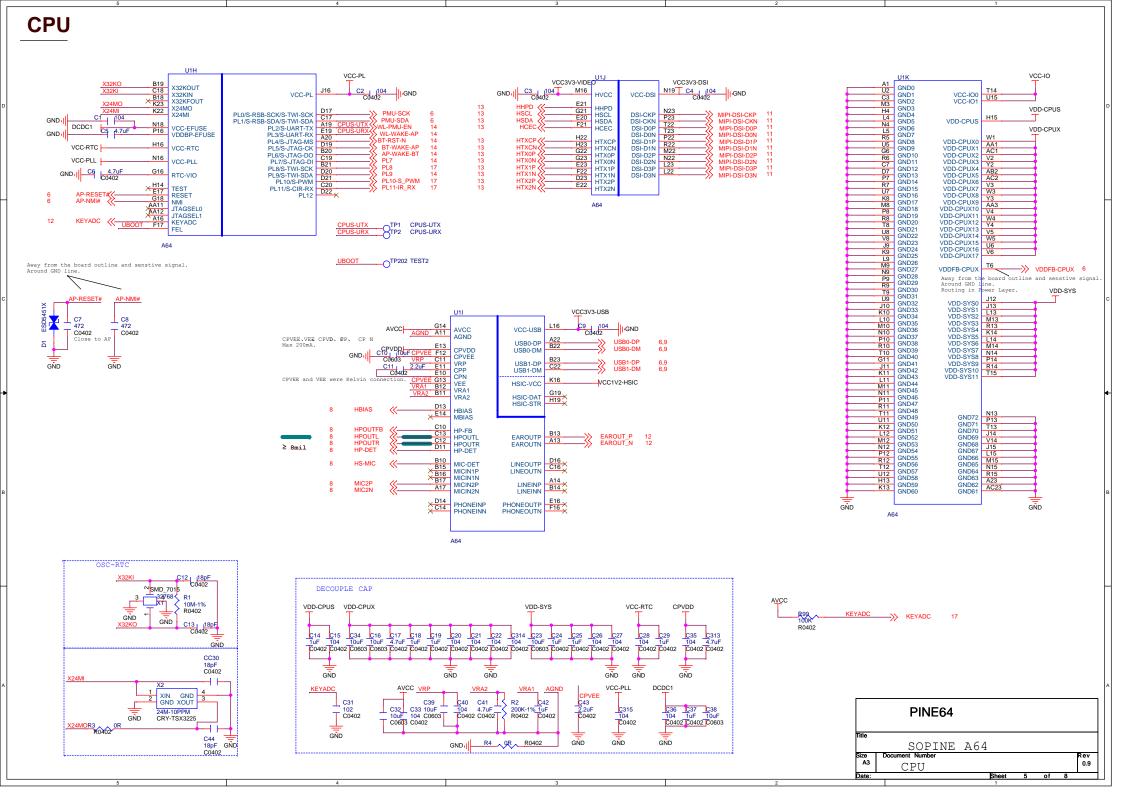
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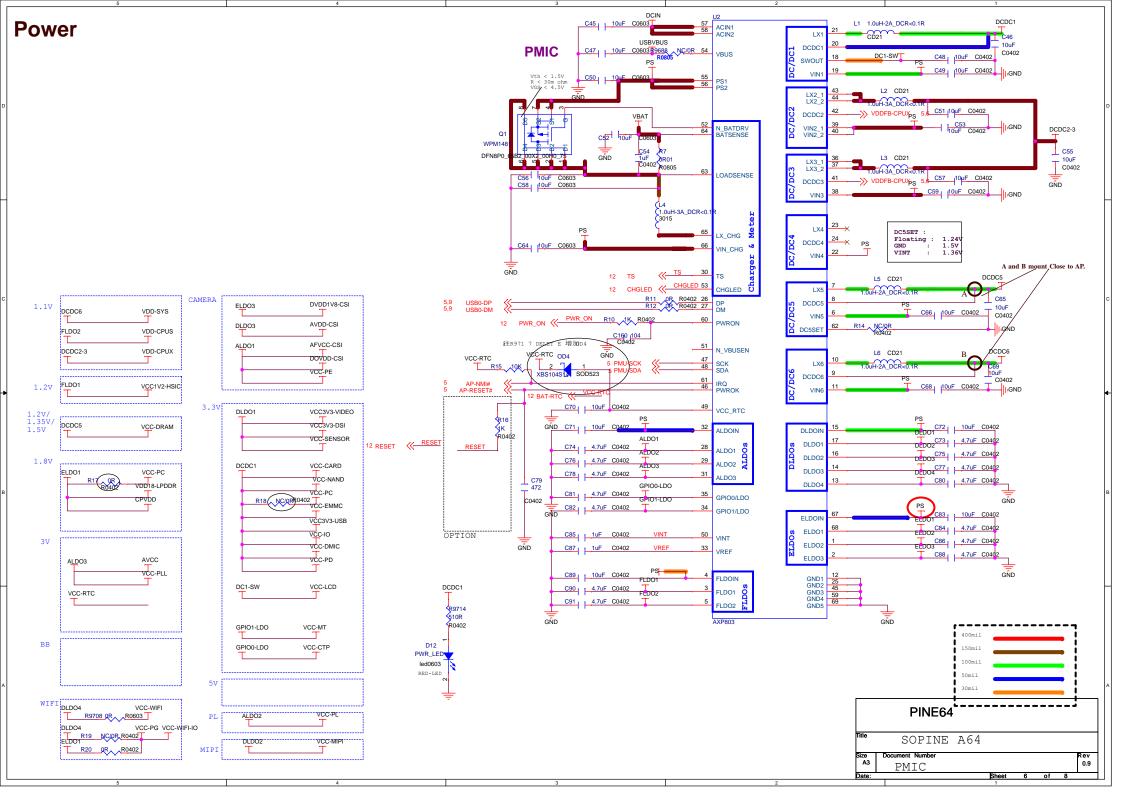
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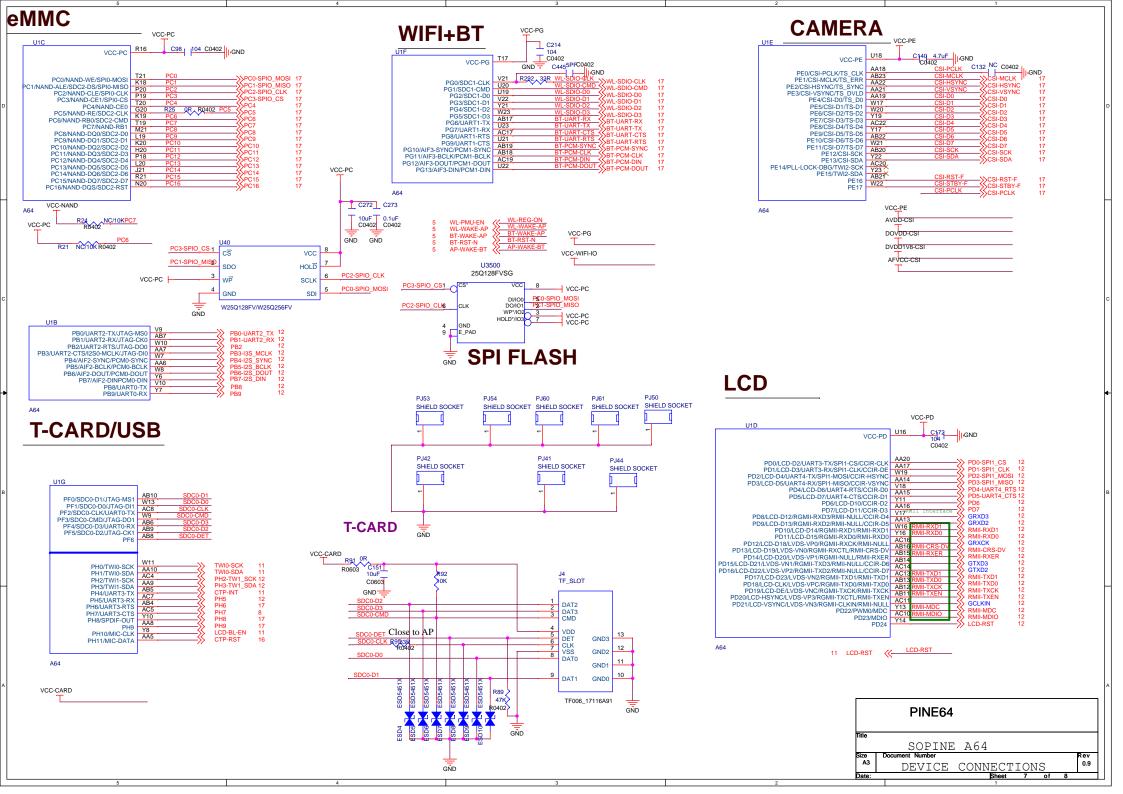












GOLD FINGER JU2 JU1 EAROUT_P VBAT DCIN 9 EAROUT P EAROUT_N HS-MIC VBAT DLDO2 DCIN DCDC1 HPOUTL HPOUTR DCDC1 DLDO2 HPOUTFB ELDO3 DLDO1 MIC2N KEYADC ELDO3 DLDO1 MIC2P PL11-IR_RX BT-RST-N AP-WAKE-BT DLDO3 13 11 15 13 17 15 17 19 17 19 21 21 23 21 25 23 27 25 27 25 29 27 29 31 33 33 33 35 35 37 35 ALDO1 DLDO3 ALDO1 PL8 PL9 BT-WAKE-AF VCC-WIF VCC-WIFI-IO HP-DET PL7 LCD-BL-EN PB4-I2S_SYNC PB3-I3S_MCLK 22 24 VCC-WIFI-IO HP-DET DC1-SW GPIO0-LDO 9 WL-PMU-EN PI 7 WL-WAKE-AP DC1-SW GPIO0-LDO USBVBUS PC5 PB5-I2S BCLF PB4-I2S_SYNC PB3-I3S_MCLK PB7-I2S_DIN PB7-I2S_DIN PB8 PB2 PH8-OWA_OU PB9 PB0-UART2_TX PB2 PH8 PH3-TW1_SDA PB6-I2S_DOUT PD7 42 42 44 42 46 44 48 46 50 50 41 35 PD5-UART4_CT PD5-UART4_CTS TWI0-SCK TWI0-SDA PD6 RMII-TXFN LCD-RST# PD4-UART4 47 49 51 53 53 55 55 57 59 61 61 LCD-RST 50 52 54 56 56 58 60 62 62 64 64 PD1-SPI1 CI PD1-SPI1_CLK RMII-RXD1 CSI-D1 RMII-MDC CSI-PCLK PD0-SPI1_CS PH2-TW1_SC TP-INT PD2-SPI1_MOSI PD0-SPI1_CS CSI-D5 PD3-SPI1 MISO PH2-TW1_SCK CTP-INT 63 65 67 69 71 69 66 68 70 72 74 WL-SDIO-D0 CSI-D3 PH6 PH5 CTP-RST WL-SDIO-CLK WL-SDIO-CLK 71 69 73 71 75 73 77 75 77 79 79 81 81 83 83 85 74 72 76 74 78 76 80 78 82 80 82 84 86 84 86 86 **GCLKIN** GRXD3 PB1-UART2_RX RMII-MDIO RMII-TXD1 PH9 RMII-TX BT-PCM-CLK BT-UART-CTS BT-UART-RX CSI-RST-F 85 87 89 89 88 86 90 90 92 90 RMII-TXD0 BT-UART-CTS BT-UART-RX RMII-RXER 89 87 91 89 93 91 95 97 95 97 99 99 97 101 103 105 107 107 105 107 107 109 107 111 109 92 94 96 96 98 98 100 RMII-CRS-D\ CSI-RST-F CSI-D2 CSI-SCK 96 98 100 BT-PCM-DIN BT-PCM-SYNC 102 104 106 108 CSI-MCLK CSI-MCLK 102 104 WL-SDIO-D2 WL-SDIO-CMD 106 108 110 112 114 CSI-D6 CSI-STBY-F WL-SDIO-D1 110 112 WL-SDIO-D3 111 109 113 113 115 113 117 115 117 119 121 129 123 121 125 125 127 129 129 127 129 127 131 133 131 CSI-D7 CSI-SDA 116 118 MIPI-DSI-D1P 116 MIPI-DSI-D1N BT-PCM-DOUT 118 120 122 124 126 128 130 132 134 BT-UART-RTS 120 122 124 126 BT-UART-TX MIPI-DSI-D0P MIPI-DSI-D3N MIPI-DSI-D2P MIPI-DSI-D2N 128 130 DSI-CKP DSI-CKN PC8 PC7 MIPI-DSI-CKN 132 134 9 PC15 9 PC4 135 137 139 141 133 135 9 HTX0P 9 HTX0N 136 138 138 140 PC2-SPIO_CLK HTX2N 142 144 HTX2P HTX1P 9 PC16 9 PC12 143 145 147 146 148 150 143 145 146 148 150 152 152 154 156 158 149 151 153 155 157 159 161 163 165 167 HTXCP PC9 PC14 PC13 9 PC6 9 PC10 9 USB1-DP 9 USB1-DM 151 153 154 156 155 157 160 162 164 166 168 158 160 HSCL 161 163 164 166 HSDA PC11 PL10-S_PWM PWR_ON 168 170 169 171 173 175 175 177 172 174 174 176 × 178 × 180 USB0-DP USB0-DM 176 178 CHGLED RESET RESET 180 182 × 179 × 181 183 × 186 188 190 192 194 183 185 185 187 189 189 191 191 USBVBUS 186 188 × 194 × 196 × 198 × 200 202 BATT SENSOR 193 × 195 × 197 199 9 TS PINE64 195 197 198 200 9 BAT-RTC 199 202 201 199 203 201 203 204 SOPINE A64 PIC-203 Rev 0.9 Size A3 GOLD FINGER Sheet