REVISION HISTORY

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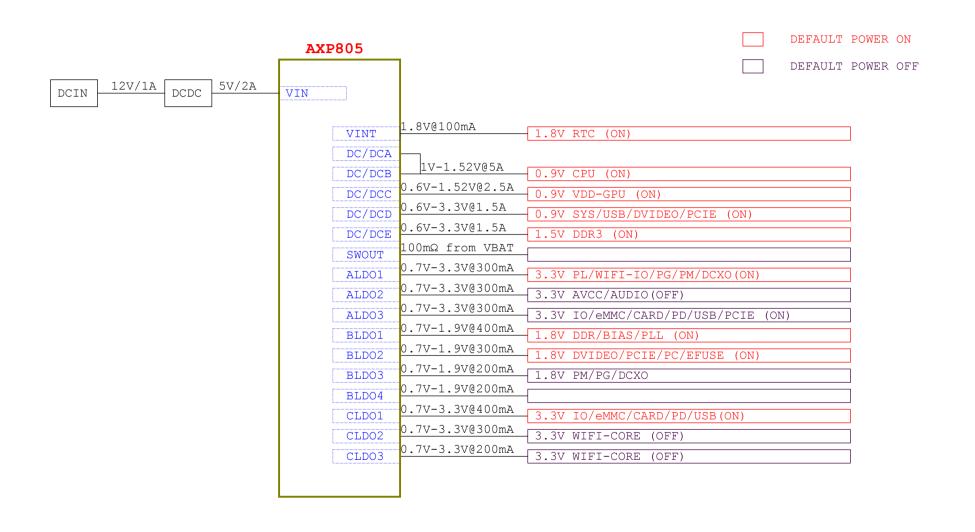
P19: EMAC/GMAC

 Revision
 Date
 Drawn
 Checked

 Ver 1.0
 Initial Design
 2017-10-24

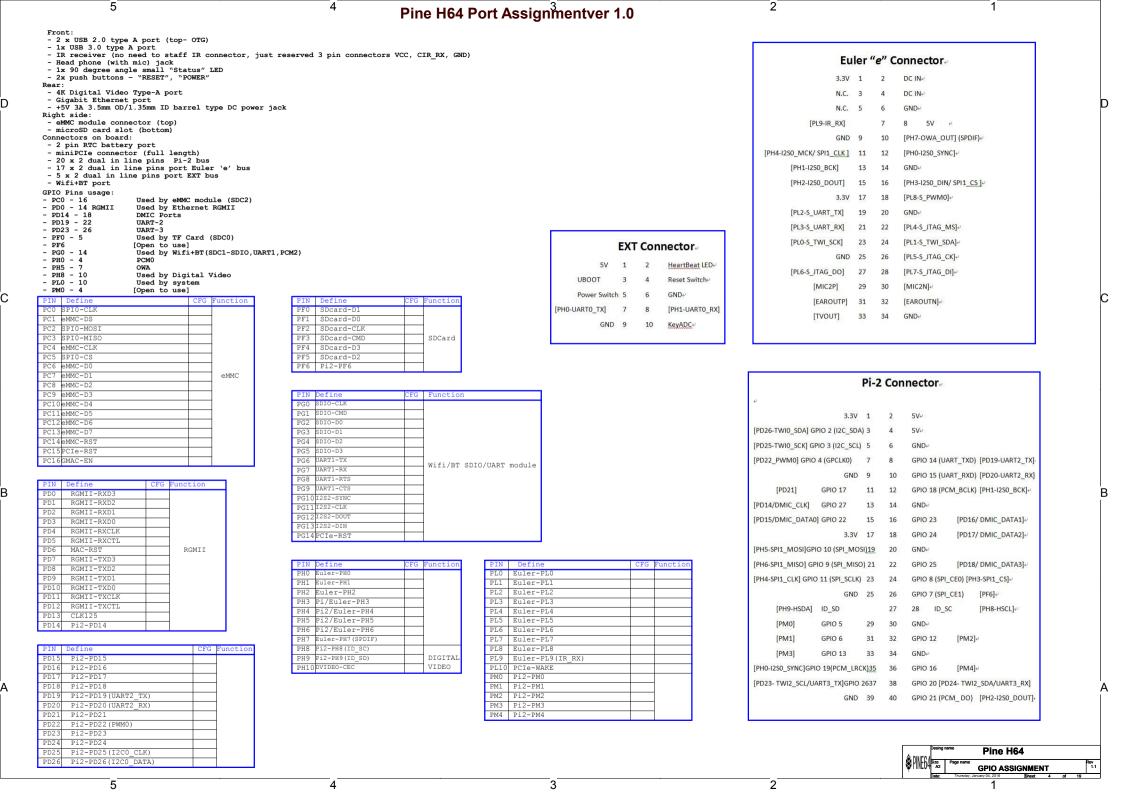
 Ver 1.1
 PCIe signal fix
 2018-01-04

 BLOCK DIGITAL VIDEO Port RTL8211E OPTICAL Adapter 5V POWER AXP805 AUDIO(R/L) Power system SPDIF **DIGITAL VIDEO EMAC HP JACK** Line out AMP EMMC module Video CVBS EMMC/NAND **USB OTG** USB2.0 Port USB0 LPDDR3 1*32 DRAMC **USB3.0 Host** USB3.0 Port USB1 **H6 USB Host USB2.0 Port** USB3 SDIO WIFI+BT Connector BT TF Card SDC0 24MHz ☐ ☐ ☐ DCXO IR LINE IR RX IR RX osc PCIE 32KHz CLOCK **GPIO** UART0 24MHz 32K Mini PCle **KEY** LED **DEBUG** Pi-2 Connector EXT+ Euler e Connector Connector Pine H64 BLOCK sday, January 04, 2018

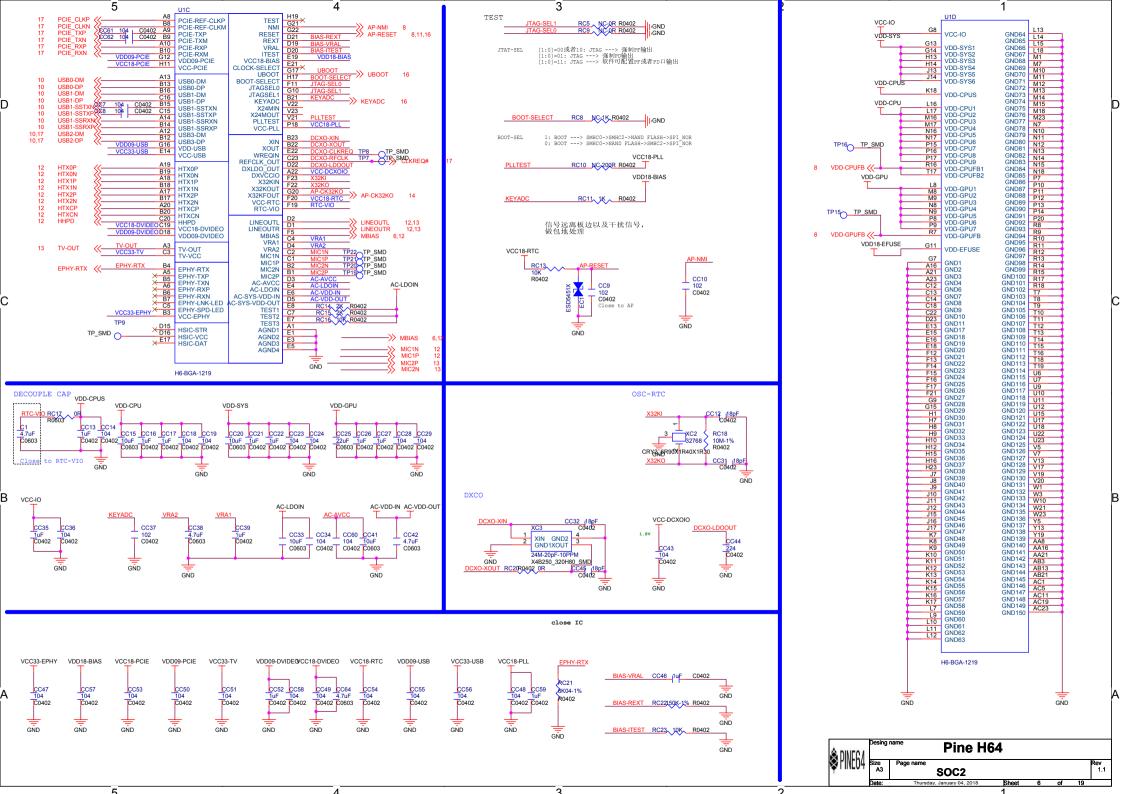


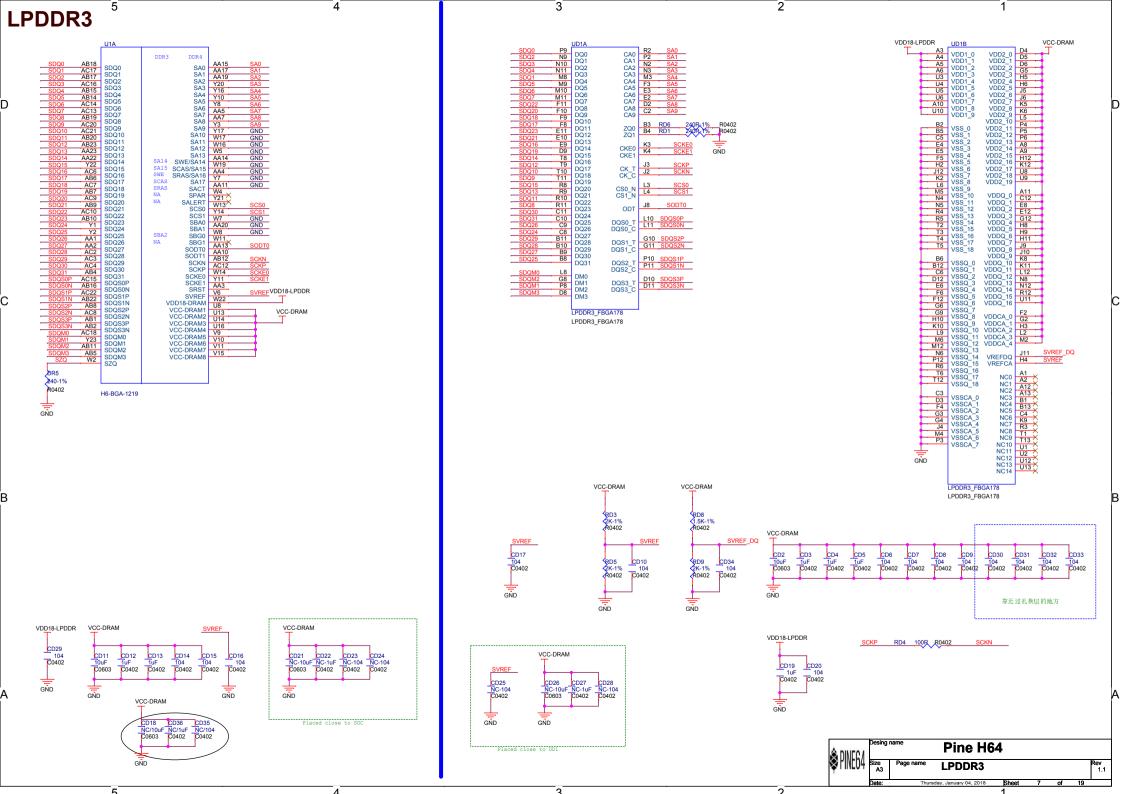
Pine H64

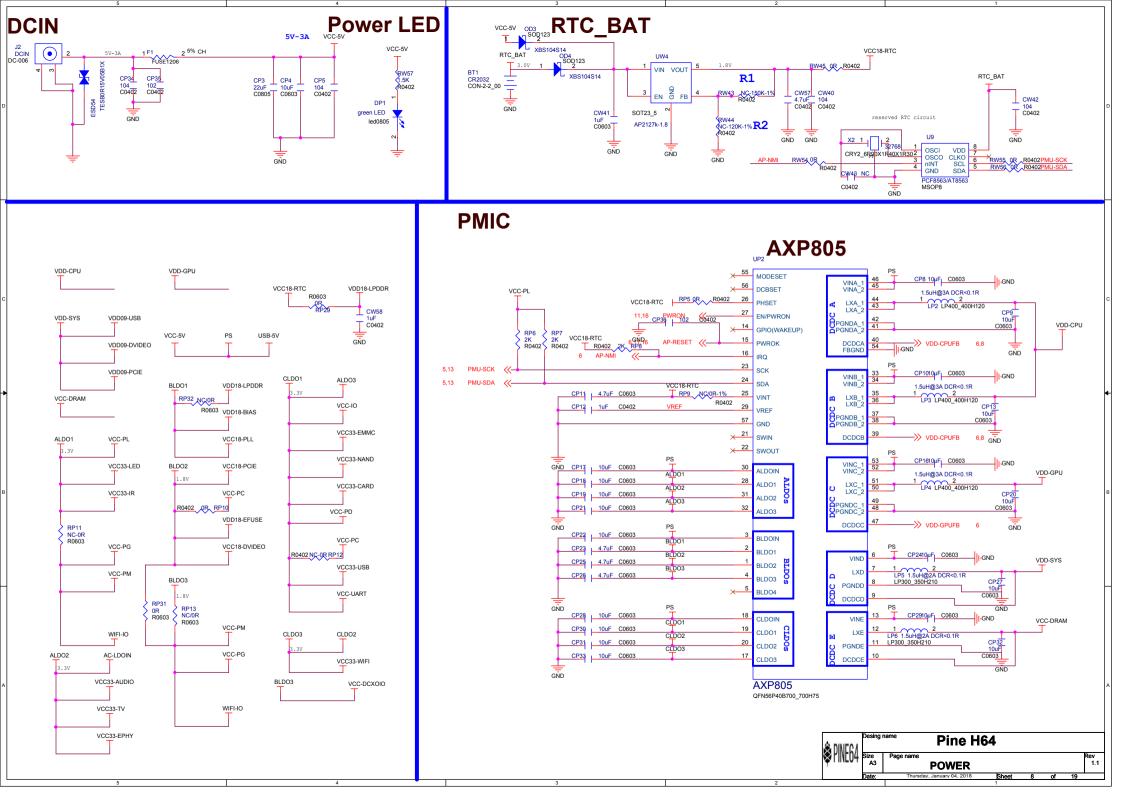
Size Page name POWER TREE
Date: Thursday, January 04, 2016 Sheet 3 of 19



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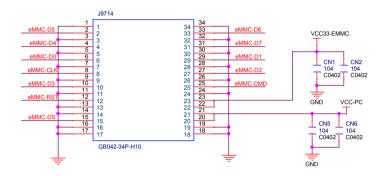


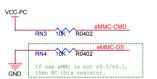


eMMC module/SIP Flash



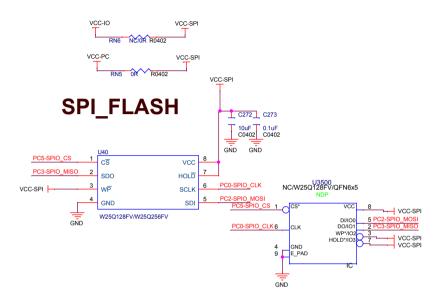
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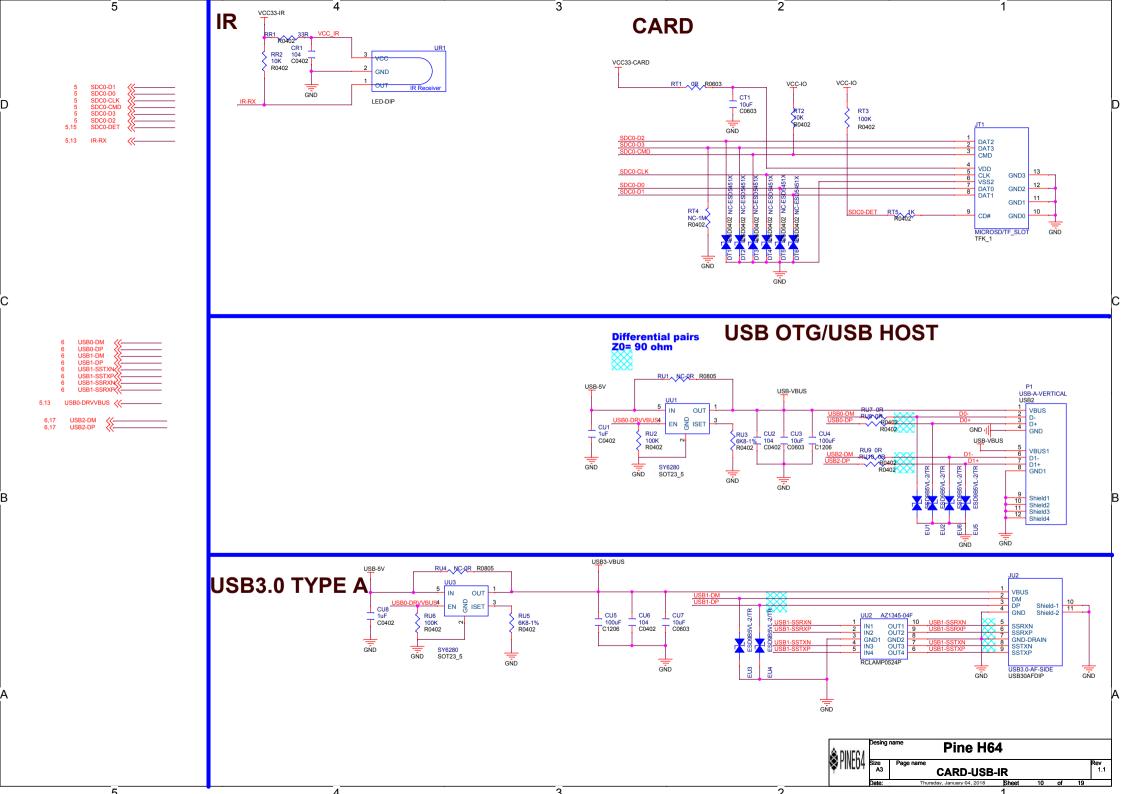


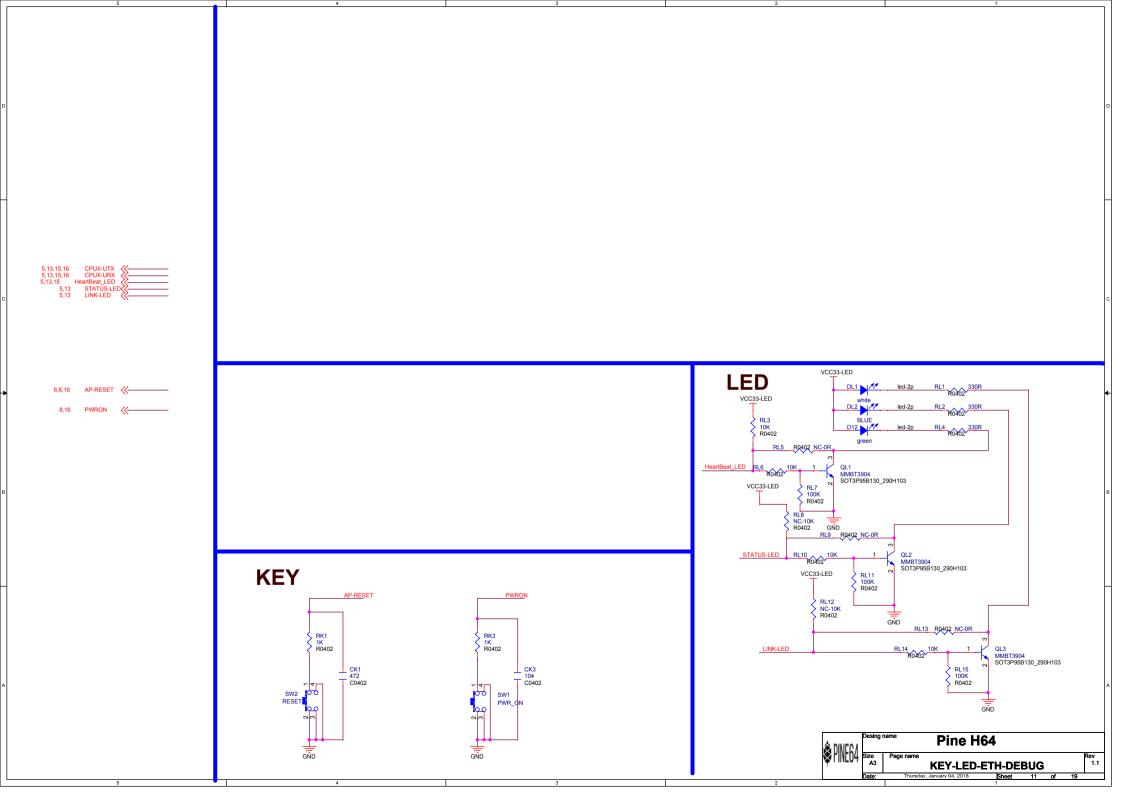


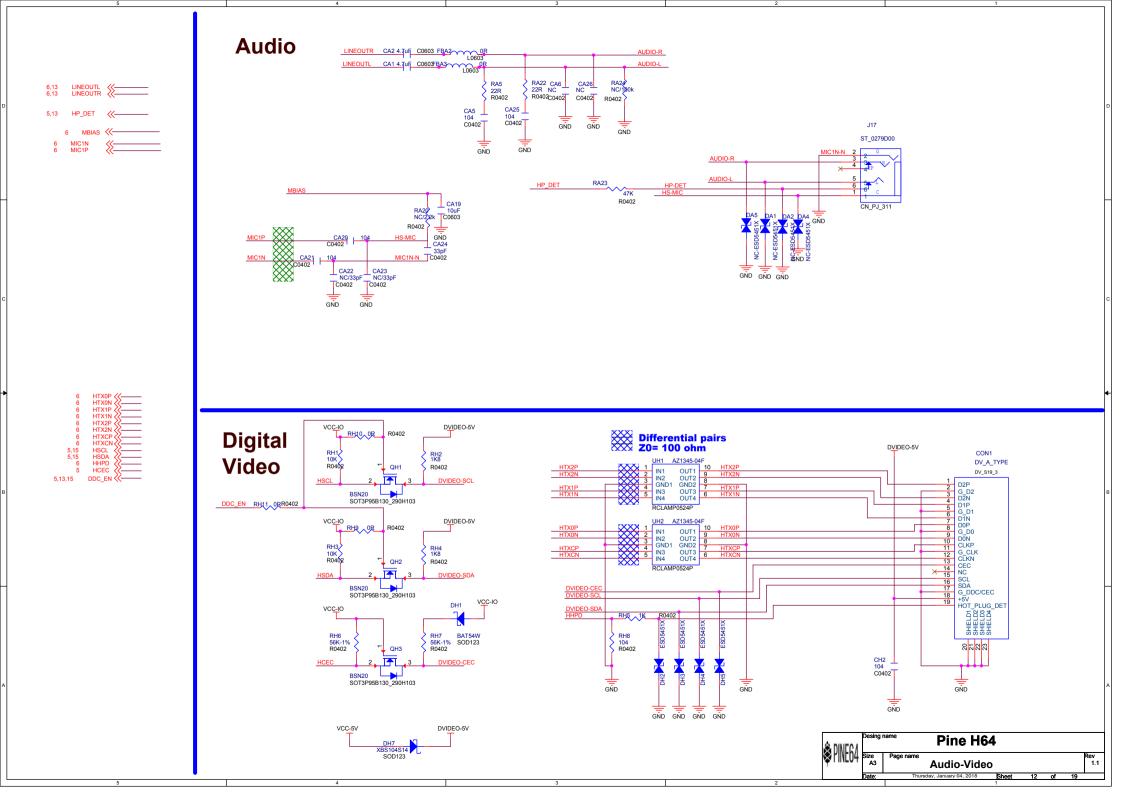
Placed close to SOC

NOTE: Use spi IC voltage of 1V8 ADD RN5 00HM, NC RN6. Use spi IC voltage of 3V3 ADD RN6 0OHM, NC RN5.



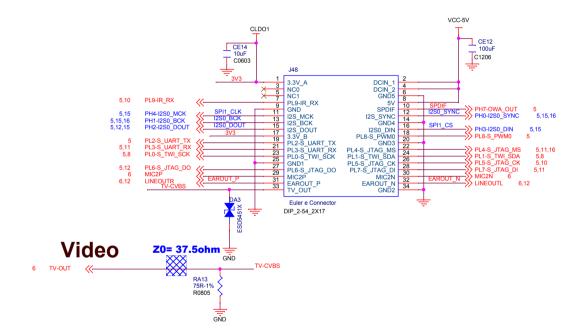






5 4 3 2 1

Euler e Connector

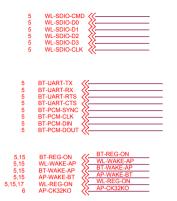


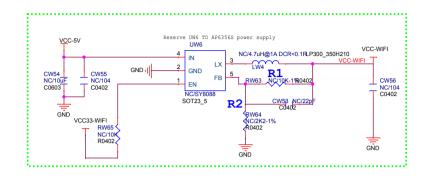
Desing name Pine H64

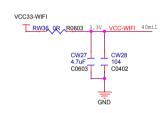
| Size | Page name | Euler"e"Connector | 1.1

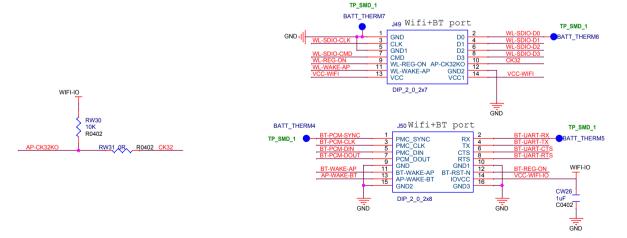
WIFI Connector

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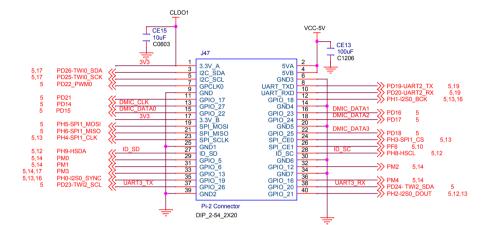




Pine H64

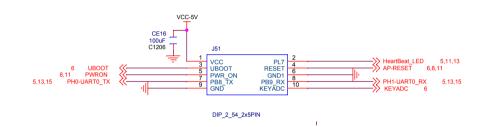
| Size A3 | Page name | WiFi Connector | Rev. 1.1

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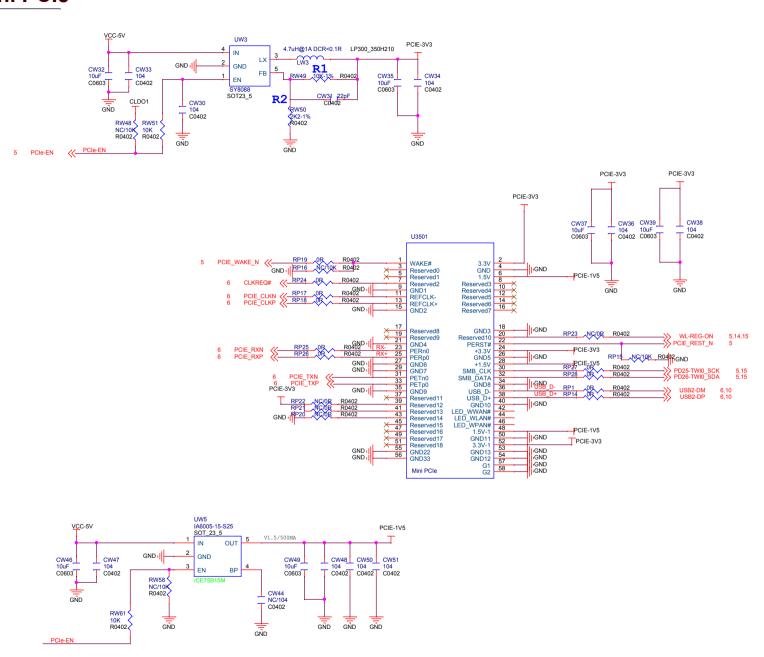
EXT+ Connector



Pine H64 EXT+ Connector
ay, January 04, 2018 Sheet

Mini PCle

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