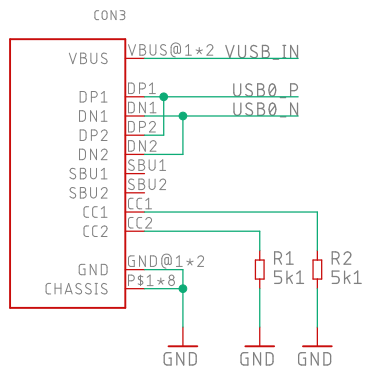
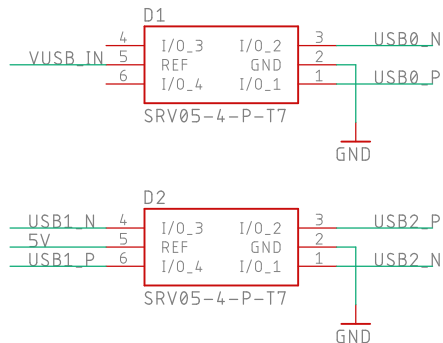


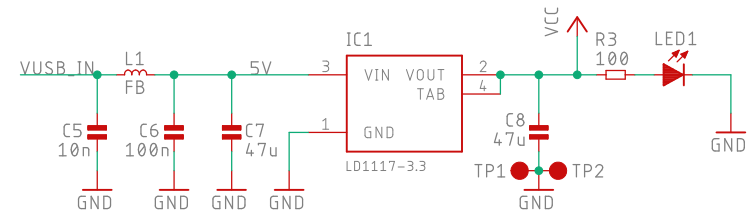
USB OTG



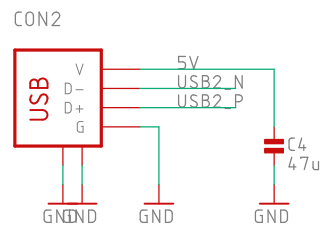
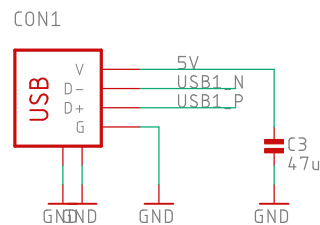
TVS Arrays for USB



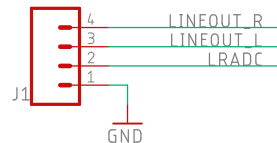
5V->3V3 LDO



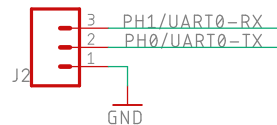
USB Host



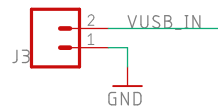
Audio Out



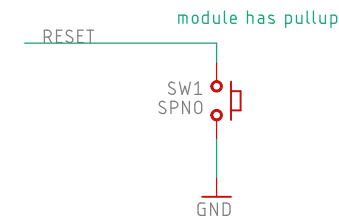
Console UART



Power In



Reset Button



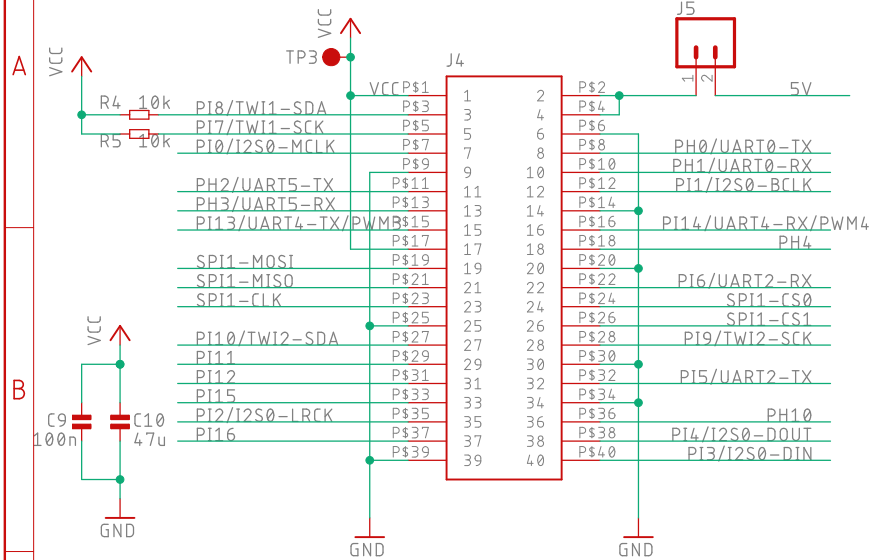
mcore-h616 breakout
<https://lab.electrolama/h616>
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mcore-h616-breakout-RevA1

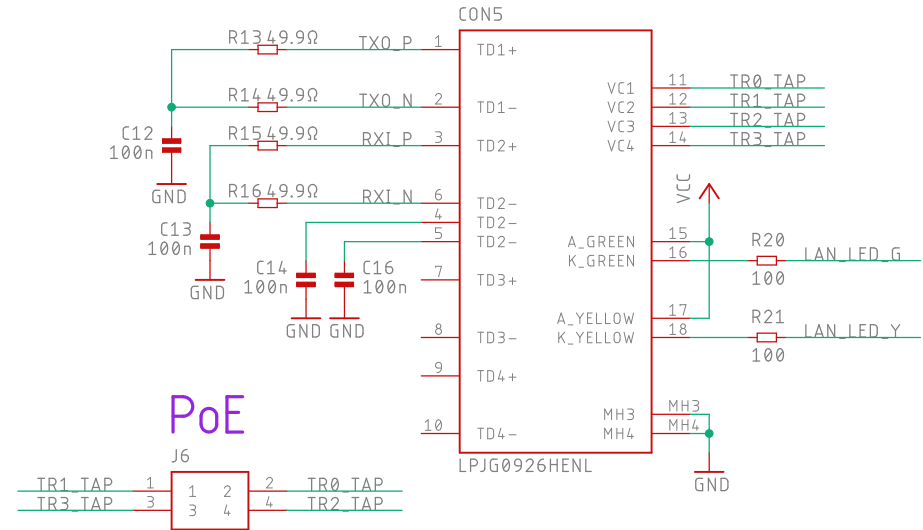
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Pi Header

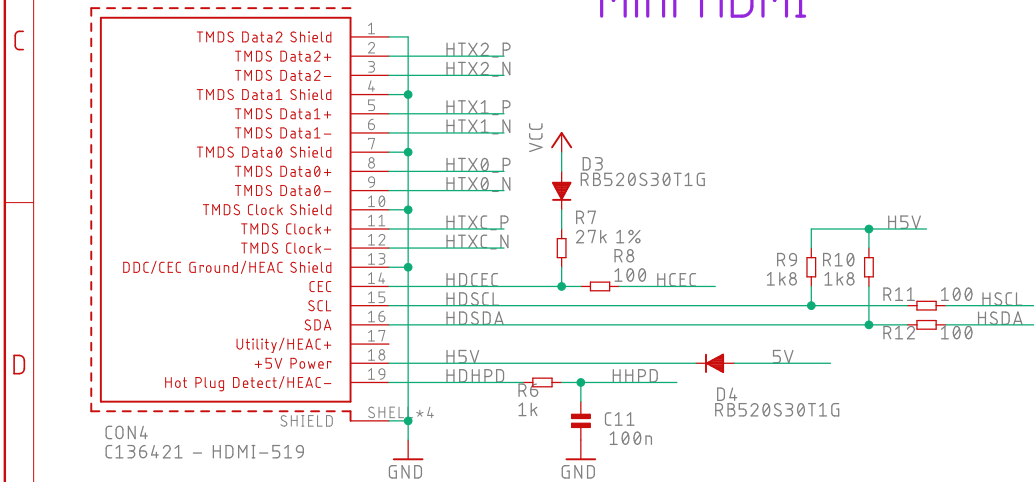


Ethernet

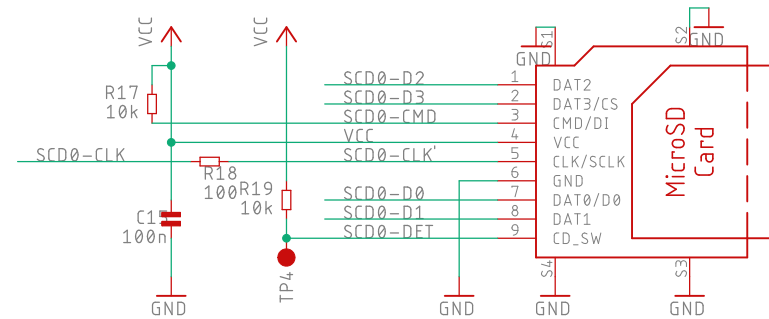


PoE

Mini HDMI



Micro SD



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further ref: ST AN5121
<https://e2e.ti.com/support/interface-group/interface-f/interface-forum/615308/tpd12s521-about-the-sch-for-tpd12s521>