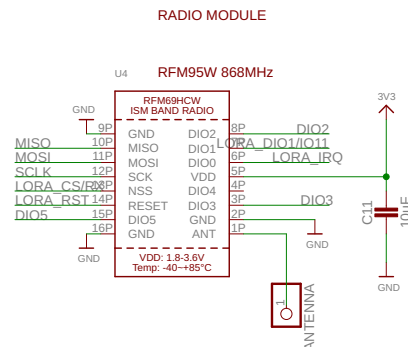
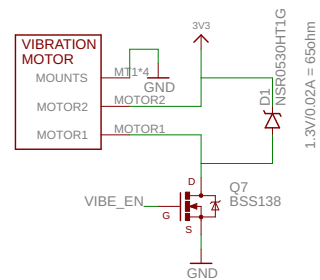
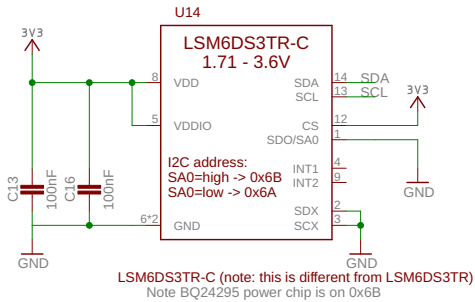
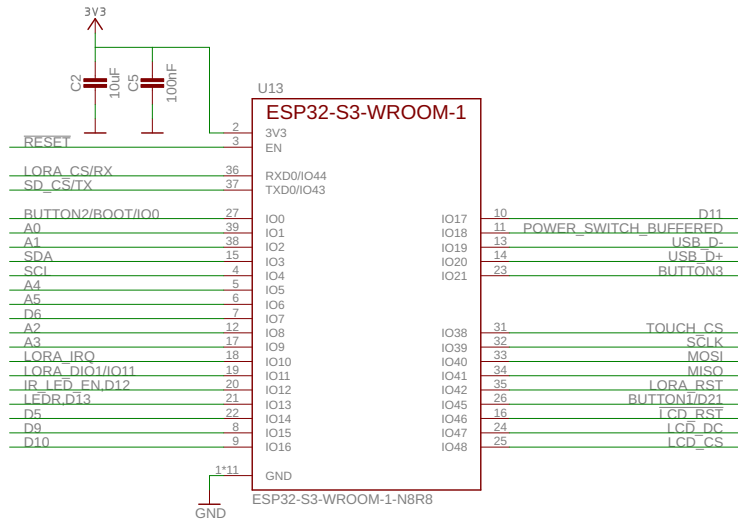
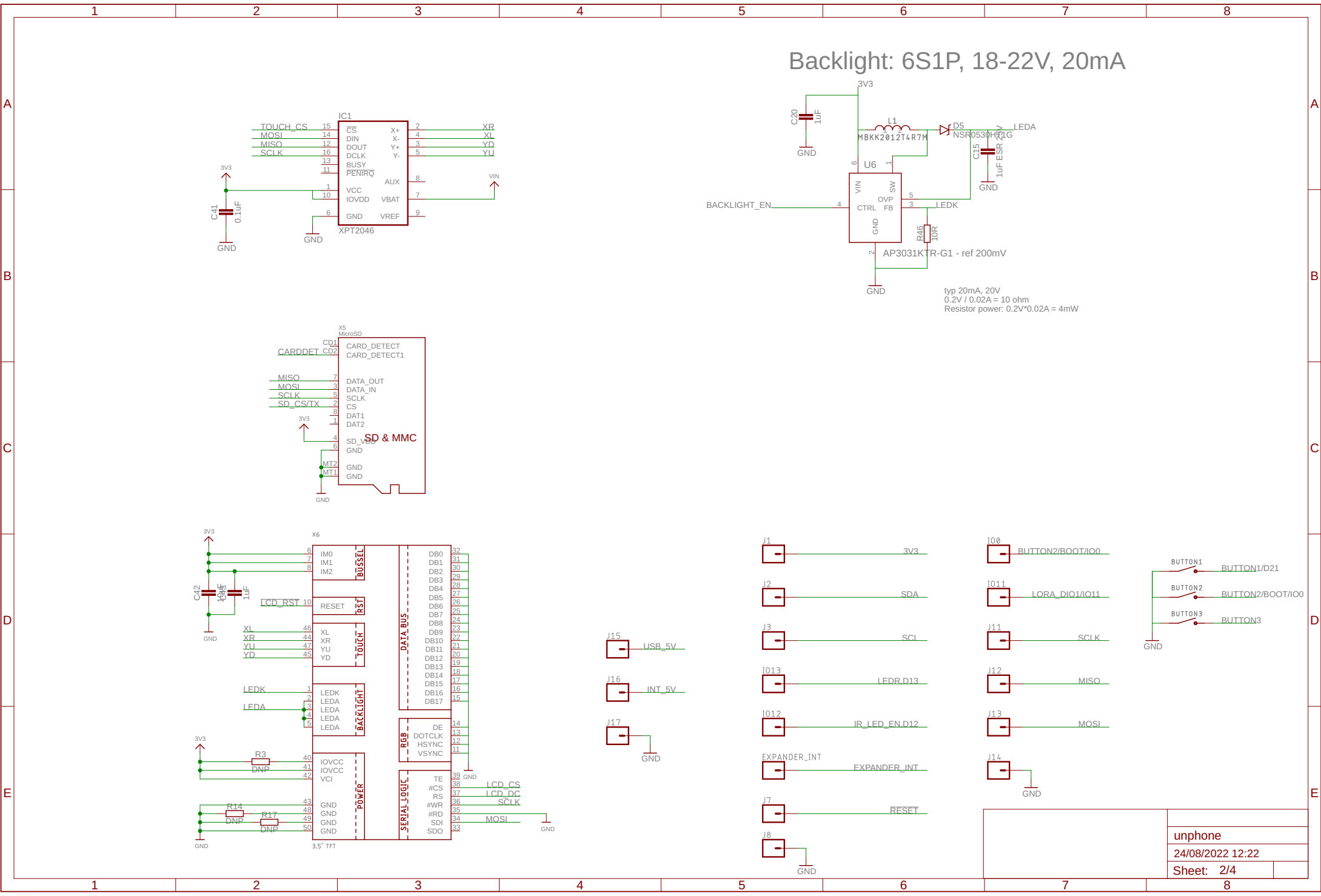
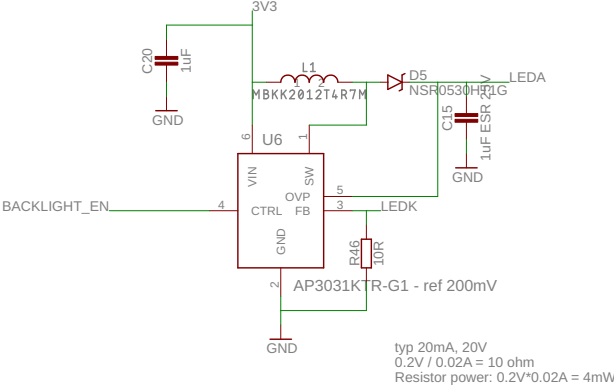






Backlight: 6S1P, 18-22V, 20mA



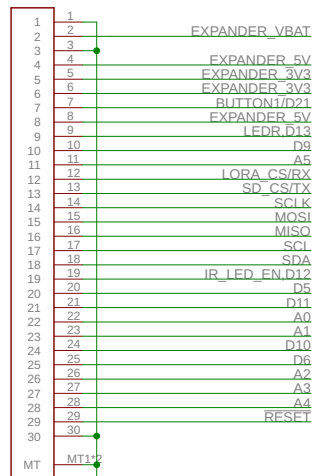
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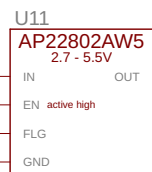
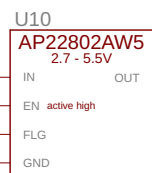
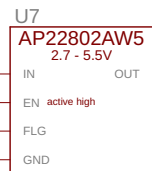
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Expander connector and power rail load switches

FPC1

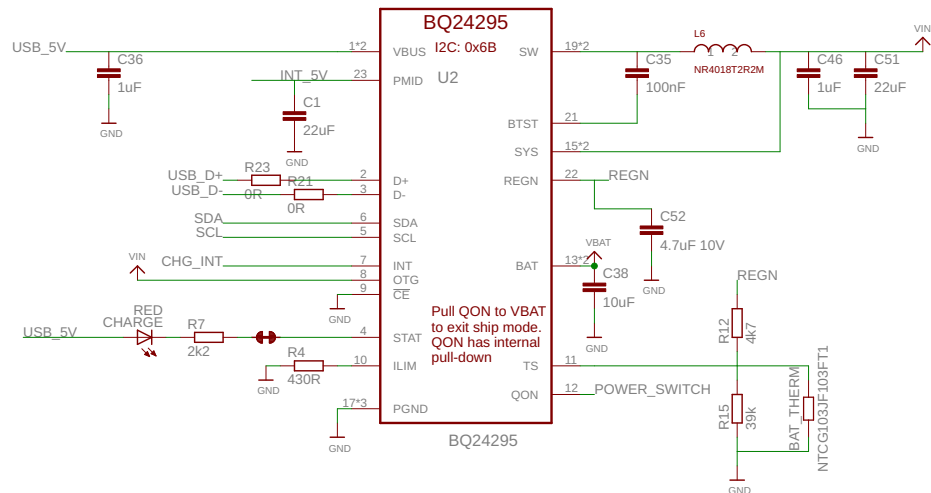


FPC-30WAY

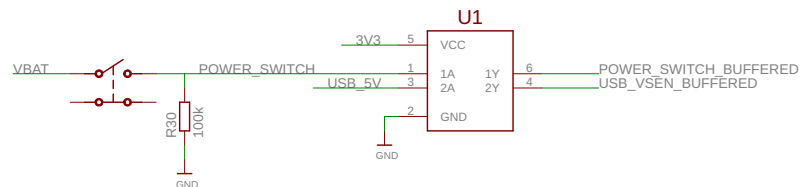


LIPO CHARGING & POWER PATH

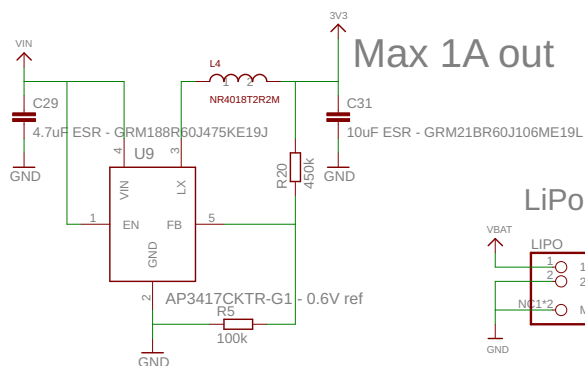
USB input current = 1/R4 * 435
430R -> around 1A max input current
(220R would be 2A max input current)



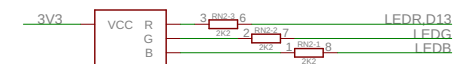
vregn = 1
vltf = 0.735
vtco = 0.447
rthcold = 19.62; (-8C)
rthhot = 4.215; (-49C)
rt2 = (vregn * rthcold * rthhot * (1/vltf - 1/vtco)) / (rthhot * (vregn/vtco - 1) - rthcold * (vregn/vltf - 1)); rt1 = (vregn/vltf - 1) / (1/rt2 + 1/rthcold); rt1; rt2
rt1 = 4.706k
rt2 = 38.988k



POWER AND FILTERING



RGB LED



unphone

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