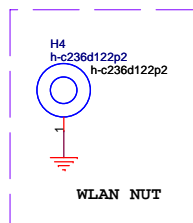
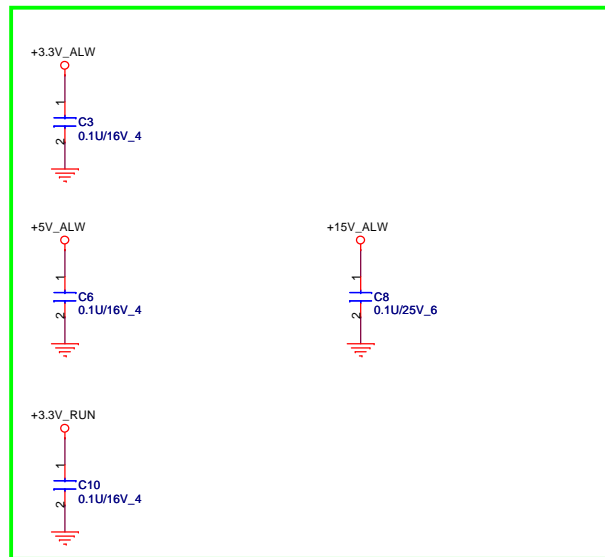


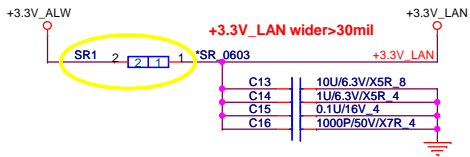
Change CN1 footprint from "88079-0800a1-80p-ldh" to "88079-0800a1-80p-ldh-smt"



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1A

These Caps close to LAN Chip VDD33 pins

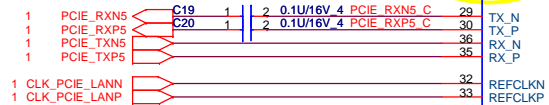


20120204
Change R1 to SR1(SJ0603)

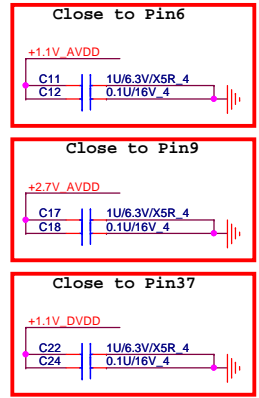
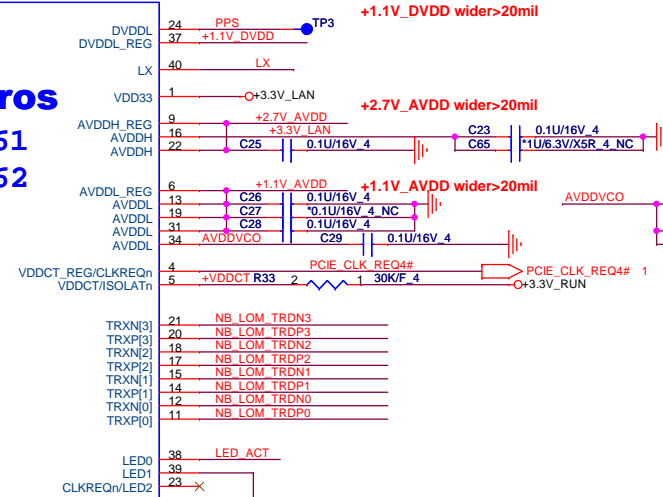
| | PN | Footprint | SKU |
|--------|-------------|----------------------|-----------------|
| AR8161 | AL008161002 | qfn40-5x5-4-41p-0_9h | R08T, V08, V08A |
| AR8162 | AL008162000 | qfn40-5x5-4-41p-0_9h | R08, R08A |

20120203

Change U1 PN to AL008162001(ver B)

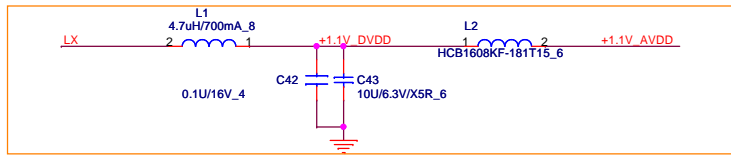
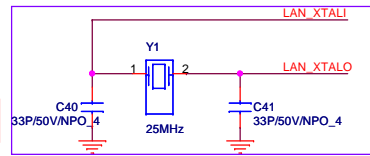


Atheros
AR8161
AR8162



| Crystal BOM | |
|---------------|-----------------------------|
| Crystal BOM | POP C40 C41 Y1, NC R37 EC12 |
| PCH clock BOM | NC C40 C41 Y1, POP R37 EC12 |

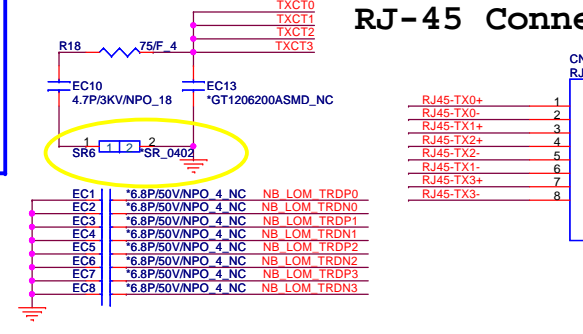
| LED1 (Pin39) | Regulator select | | L1 | L2 | C42 | C43 |
|-----------------|------------------|------|----|----|-----|-----|
| | LDO | Low | NC | NC | NC | NC |
| | SWR* | High | V | V | V | V |



| LED_ACT | Over-clocking enable | Over-clocking disable |
|---------|-------------------------|--------------------------|
| | 1 | 0 |

| LED1 | LDO mode(Default) | SWR mode |
|------|-------------------|----------|
| | Mount R35 | NC R35 |

RJ-45 Conne



www.qdzbw.com 起點 主板維修網

LAN Co-lay information

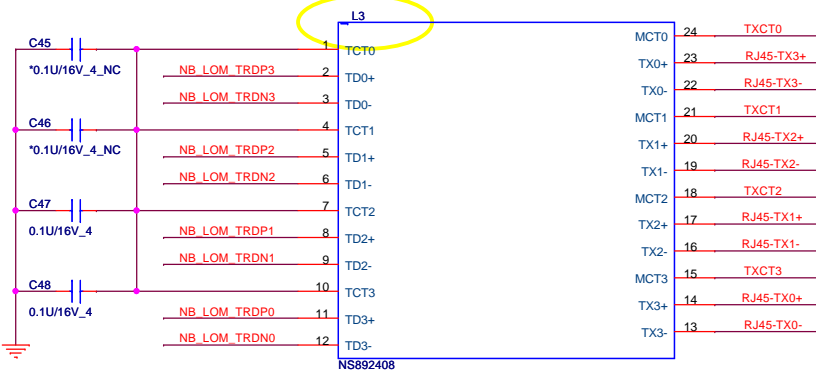
| | C45 | C46 | C47 | C48 | C27 |
|--------|-----|-----|-----|-----|-----|
| AR8161 | V | V | V | V | V |
| AR8162 | NC | NC | V | V | NC |

20120203

Change L3 to DB0EF7LAN01(FCE)

20120206

Change R58 to SR6(short0402)
Change R14 to SR7(short0402)
Change R19 to SR8(short0402)



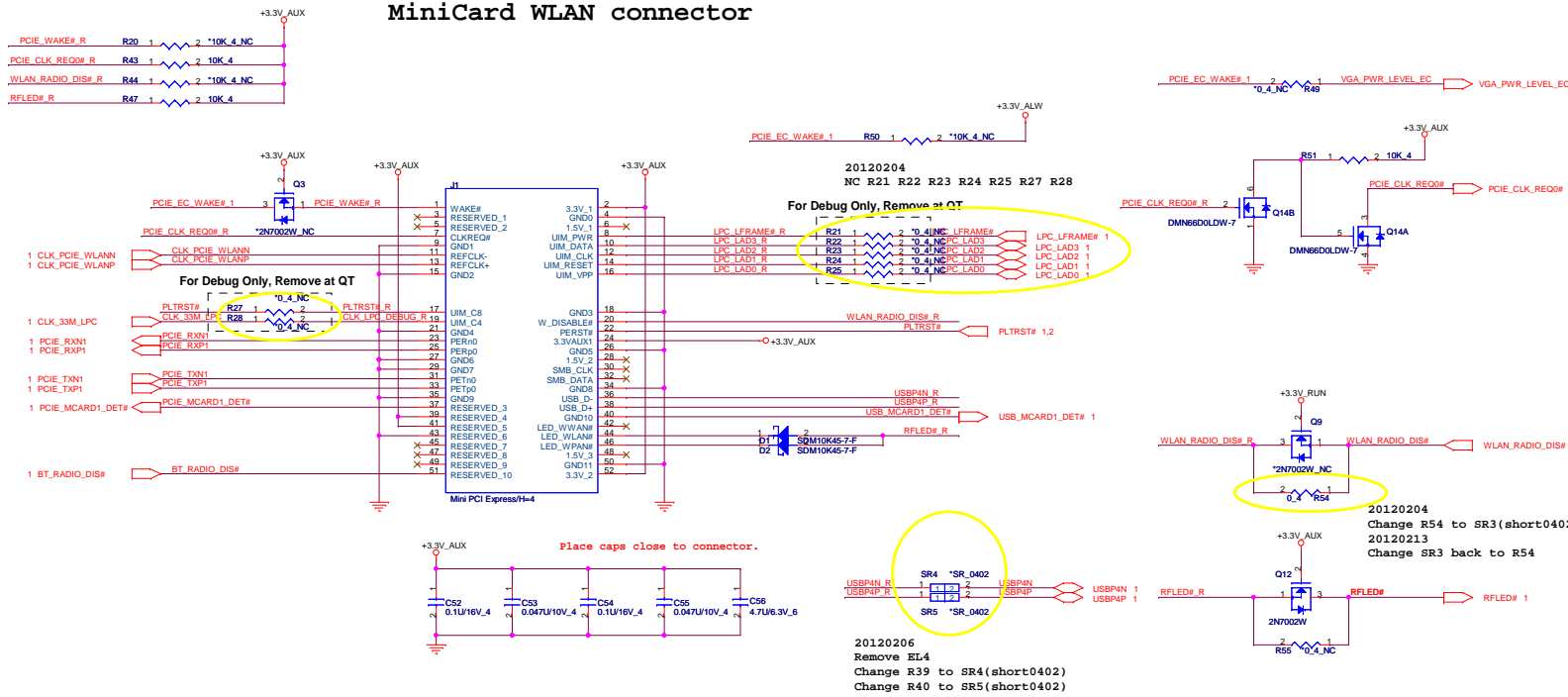
Transformer Co-lay information (follow R01)

| Mode | L3(transformer) | U1 |
|--------|--------------------------|----------|
| 10/100 | NS892408 (DB0EF7LAN01) | AR8162-A |
| Giga | LF89276C-R (DB0LL1LAN00) | AR8161-A |

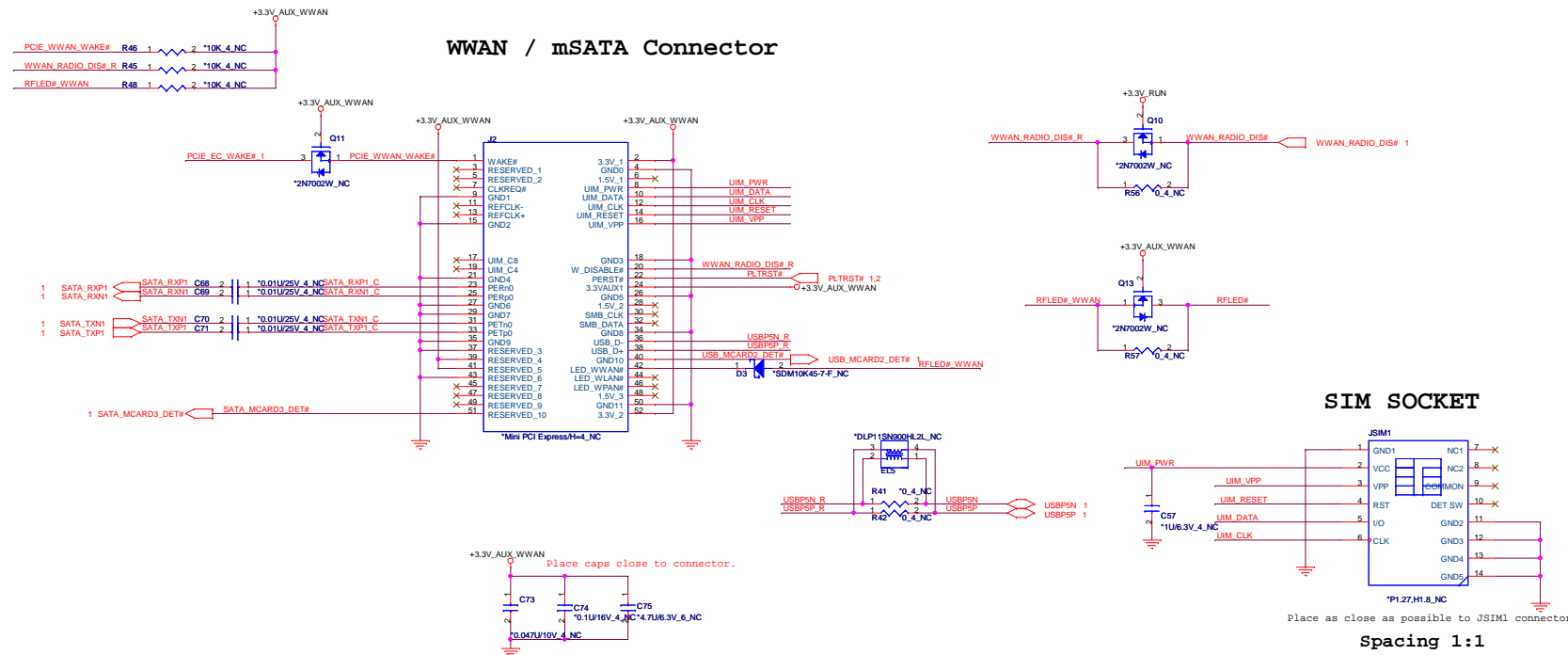


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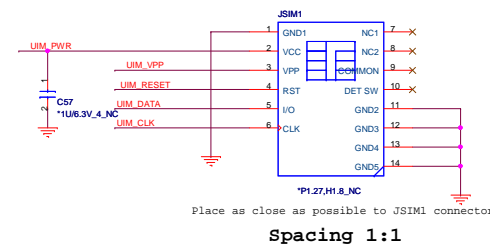
MiniCard WLAN connector



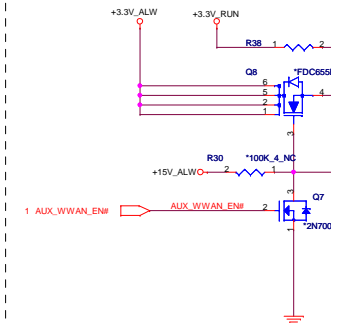
WWAN / mSATA Connector

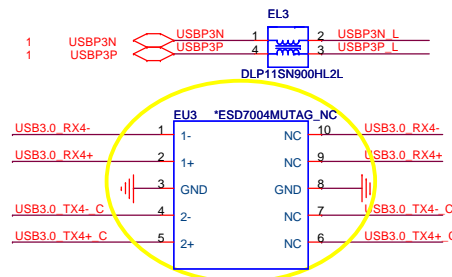
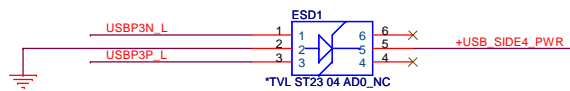
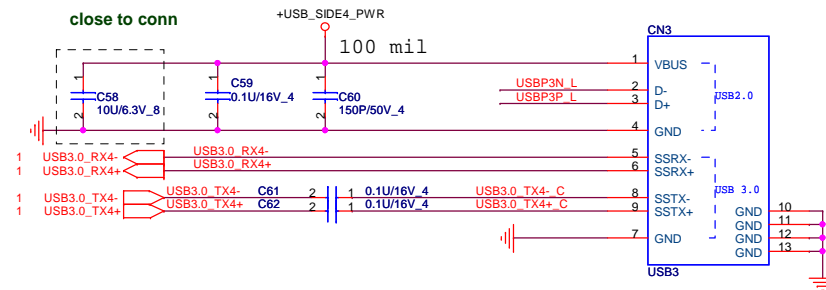
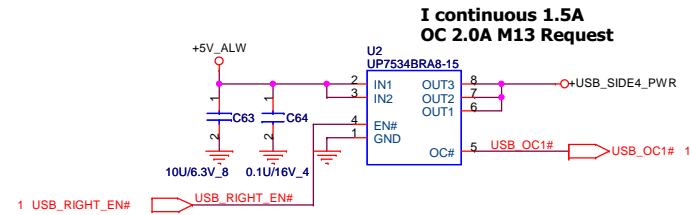


SIM SOCKET



Support AOAC





ESD Function

20120213
NC EU3

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USB30

| Size | Document Number | Rev |
|------|-----------------|-----|
| | | 1A |

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