

# S100T3

## OAK Trail-M Platform

### MAIN BOARD

2011.04.14

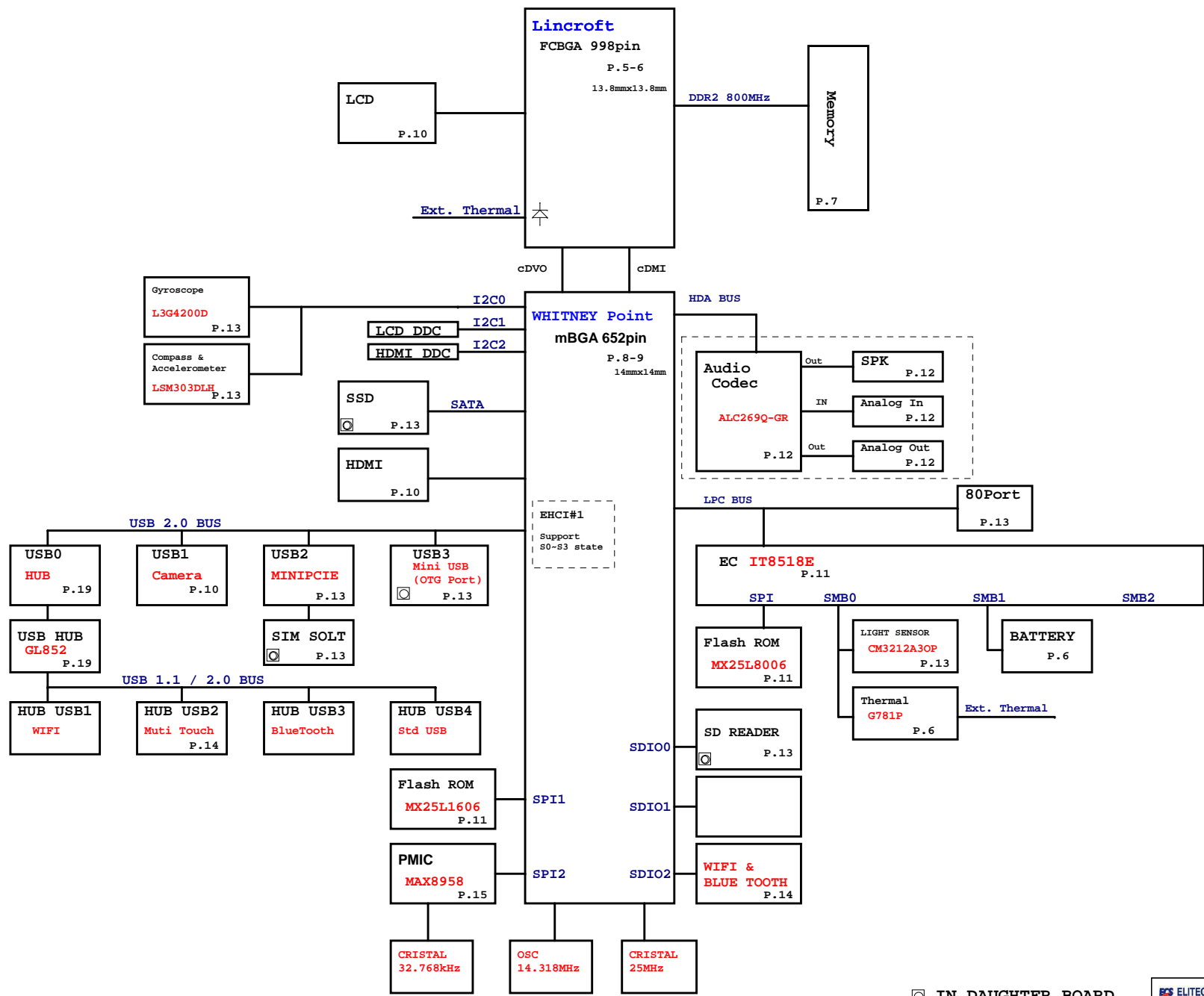
# 1. Schematic Page Description :

## OAK Trail Schematic Ver : V04

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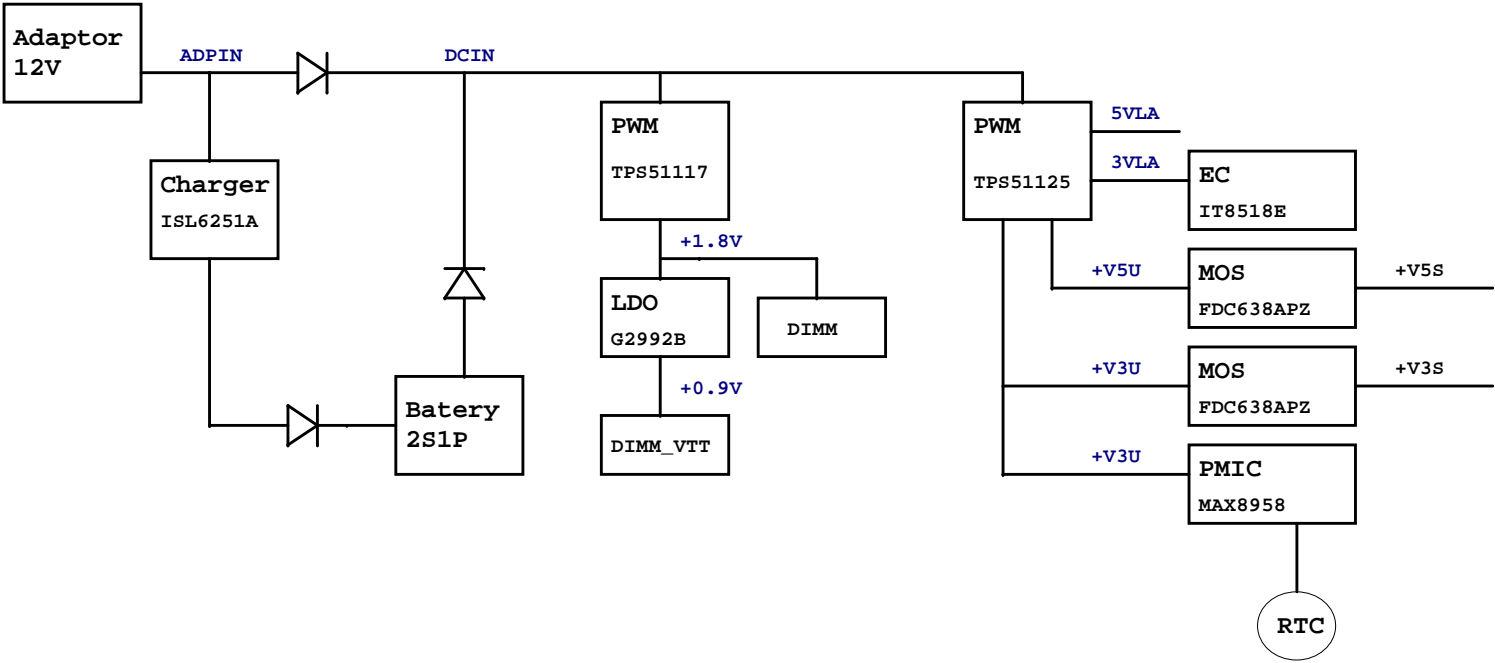
# 3. Block Diagram

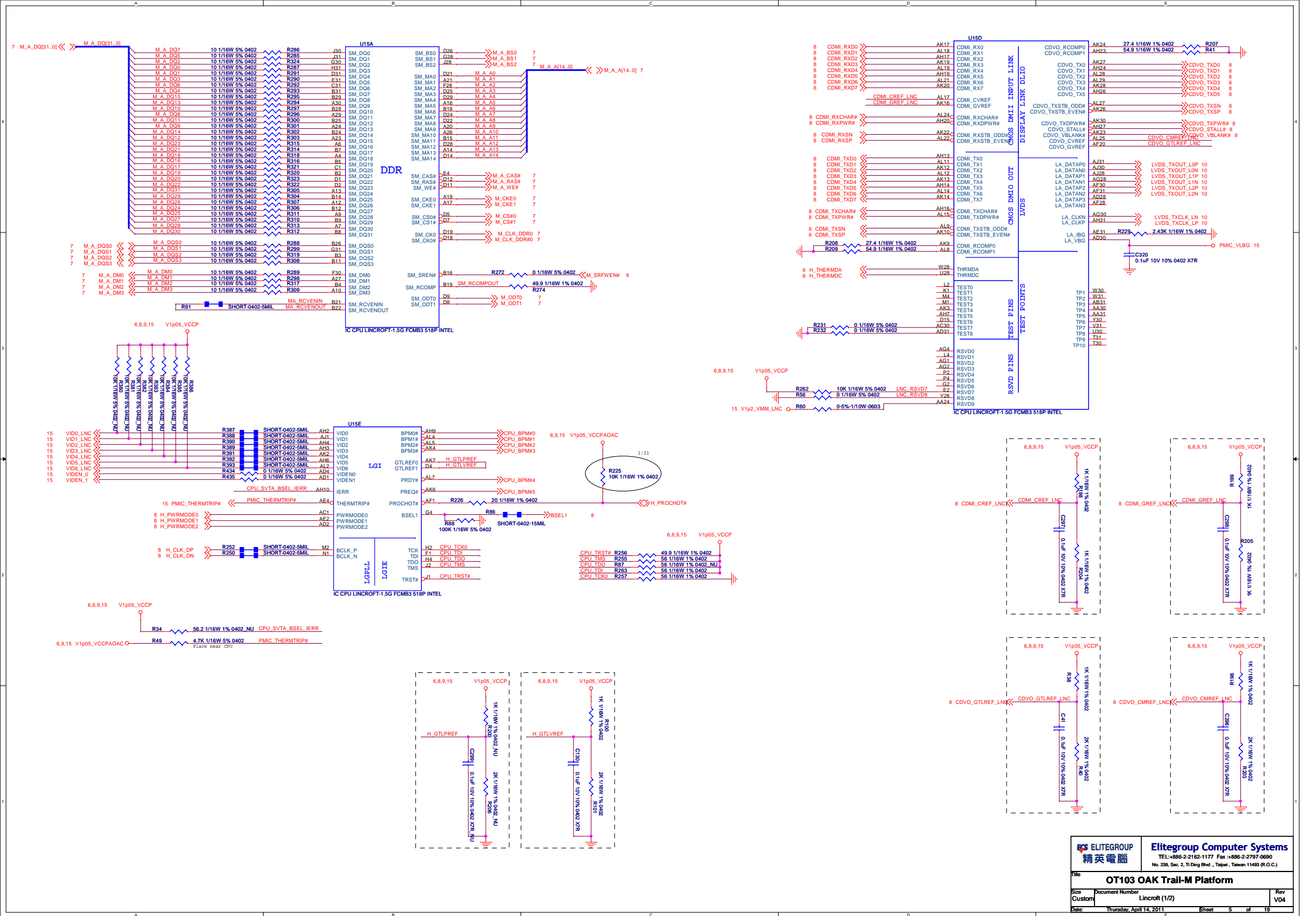
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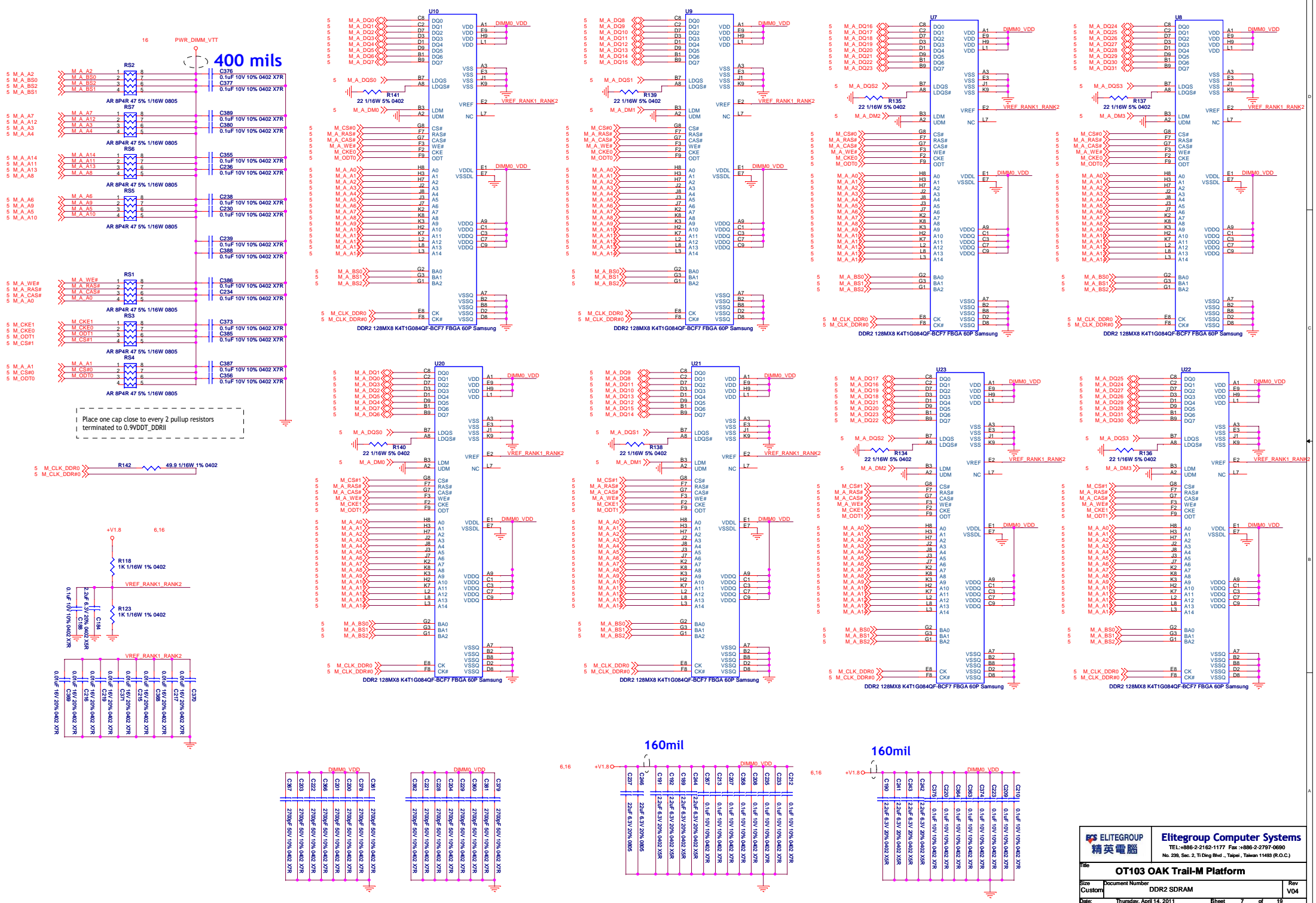
☐ IN DAUGHTER BOARD

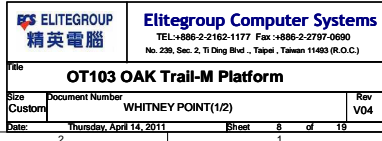
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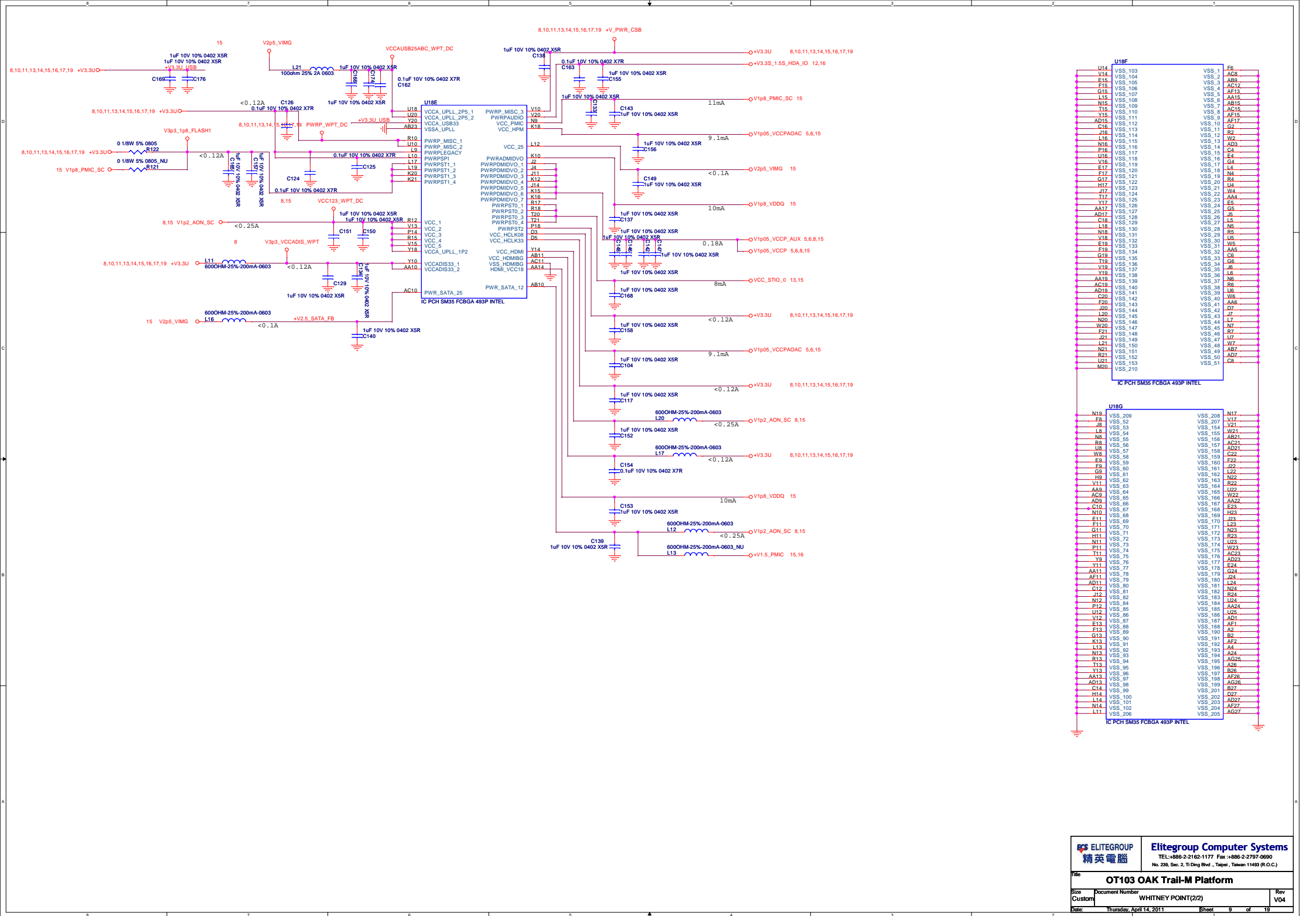










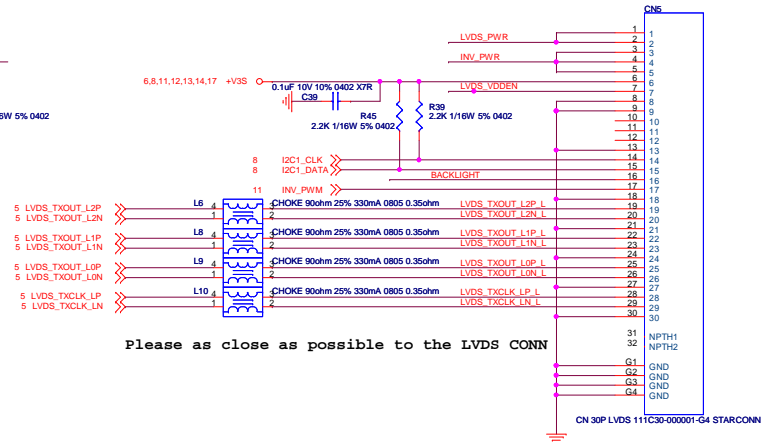
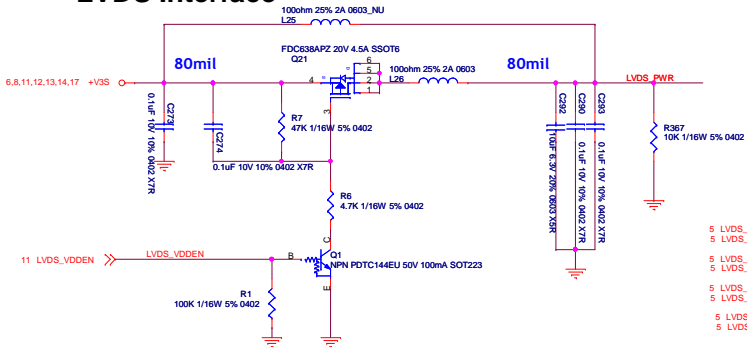


U18F		
U14	VSS_103	VSS_1
V14	VSS_104	VSS_2
E15	VSS_105	VSS_3
F15	VSS_106	VSS_4
G15	VSS_107	VSS_5
H15	VSS_108	VSS_6
I15	VSS_109	VSS_7
J15	VSS_110	VSS_8
K15	VSS_111	VSS_9
L15	VSS_112	VSS_10
M15	VSS_113	VSS_11
N15	VSS_114	VSS_12
P15	VSS_115	VSS_13
Q15	VSS_116	VSS_14
R15	VSS_117	VSS_15
S15	VSS_118	VSS_16
T15	VSS_119	VSS_17
U15	VSS_120	VSS_18
V15	VSS_121	VSS_19
W15	VSS_122	VSS_20
X15	VSS_123	VSS_21
Y15	VSS_124	VSS_22
Z15	VSS_125	VSS_23
AA15	VSS_126	VSS_24
AB15	VSS_127	VSS_25
AC15	VSS_128	VSS_26
AD15	VSS_129	VSS_27
AE15	VSS_130	VSS_28
AF15	VSS_131	VSS_29
AG15	VSS_132	VSS_30
AH15	VSS_133	VSS_31
AI15	VSS_134	VSS_32
AJ15	VSS_135	VSS_33
AK15	VSS_136	VSS_34
AL15	VSS_137	VSS_35
AM15	VSS_138	VSS_36
AN15	VSS_139	VSS_37
AO15	VSS_140	VSS_38
AP15	VSS_141	VSS_39
AQ15	VSS_142	VSS_40
AR15	VSS_143	VSS_41
AS15	VSS_144	VSS_42
AT15	VSS_145	VSS_43
AU15	VSS_146	VSS_44
AV15	VSS_147	VSS_45
AW15	VSS_148	VSS_46
AX15	VSS_149	VSS_47
AY15	VSS_150	VSS_48
AZ15	VSS_151	VSS_49
BA15	VSS_152	VSS_50
BB15	VSS_153	VSS_51
BC15	VSS_210	VSS_51

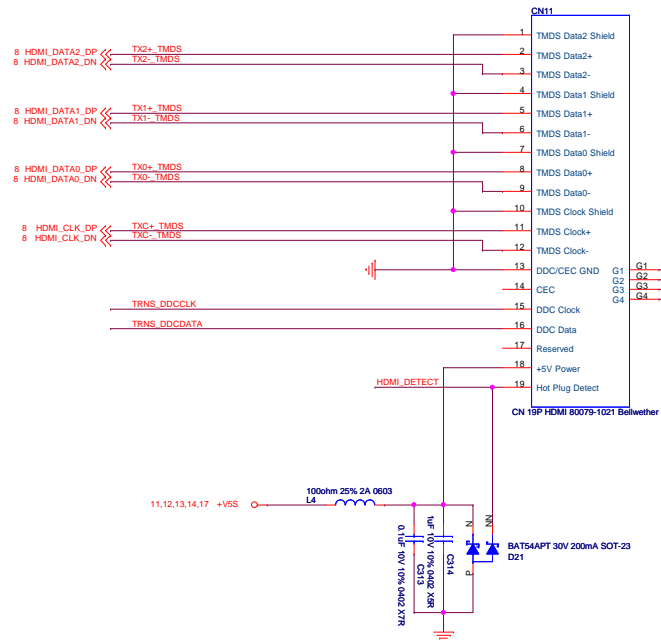
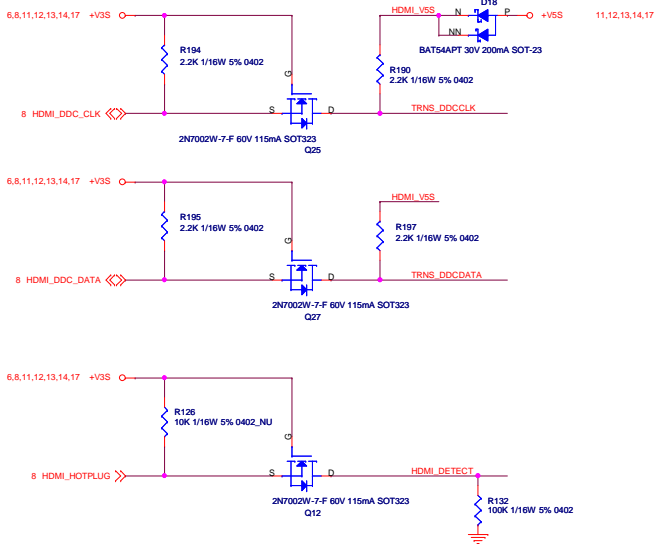
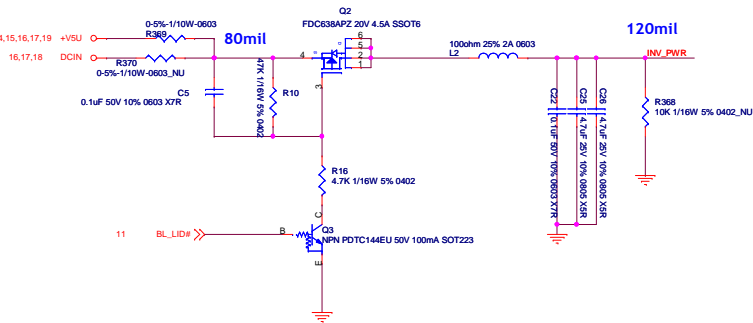
U18G		
N19	VSS_209	VSS_208
FB	VSS_207	VSS_207
JB	VSS_53	VSS_154
LB	VSS_54	VSS_155
NB	VSS_55	VSS_156
RB	VSS_56	VSS_157
UB	VSS_57	VSS_158
WB	VSS_58	VSS_159
EB	VSS_59	VSS_160
FB	VSS_60	VSS_161
GB	VSS_61	VSS_162
HB	VSS_62	VSS_163
IB	VSS_63	VSS_164
JB	VSS_64	VSS_165
KB	VSS_65	VSS_166
LB	VSS_66	VSS_167
MB	VSS_67	VSS_168
NB	VSS_68	VSS_169
OB	VSS_69	VSS_170
PB	VSS_70	VSS_171
QB	VSS_71	VSS_172
RB	VSS_72	VSS_173
SB	VSS_73	VSS_174
TB	VSS_74	VSS_175
UB	VSS_75	VSS_176
VB	VSS_76	VSS_177
WB	VSS_77	VSS_178
XB	VSS_78	VSS_179
YB	VSS_79	VSS_180
ZB	VSS_80	VSS_181
AB	VSS_81	VSS_182
BB	VSS_82	VSS_183
CB	VSS_84	VSS_184
DB	VSS_85	VSS_185
EB	VSS_86	VSS_186
FB	VSS_87	VSS_187
GB	VSS_88	VSS_188
HB	VSS_89	VSS_189
IB	VSS_90	VSS_190
JB	VSS_91	VSS_191
KB	VSS_92	VSS_192
LB	VSS_93	VSS_193
MB	VSS_94	VSS_194
NB	VSS_95	VSS_195
OB	VSS_96	VSS_196
PB	VSS_97	VSS_197
QB	VSS_98	VSS_198
RB	VSS_99	VSS_199
SB	VSS_100	VSS_200
TB	VSS_101	VSS_201
UB	VSS_102	VSS_202
VB	VSS_206	VSS_206

IC PCH SM35 FCBGA 493P INTEL

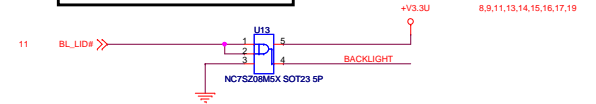
## LVDS Interface



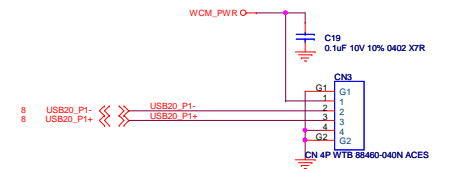
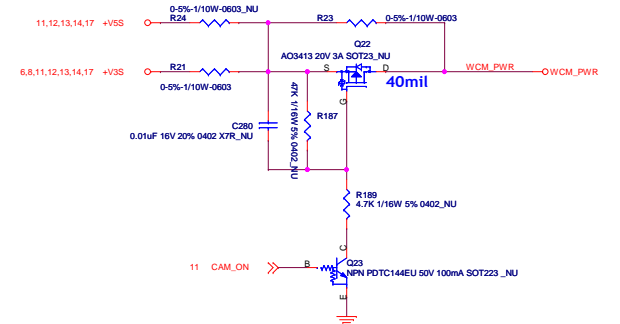
Please as close as possible to the LVDS CONN

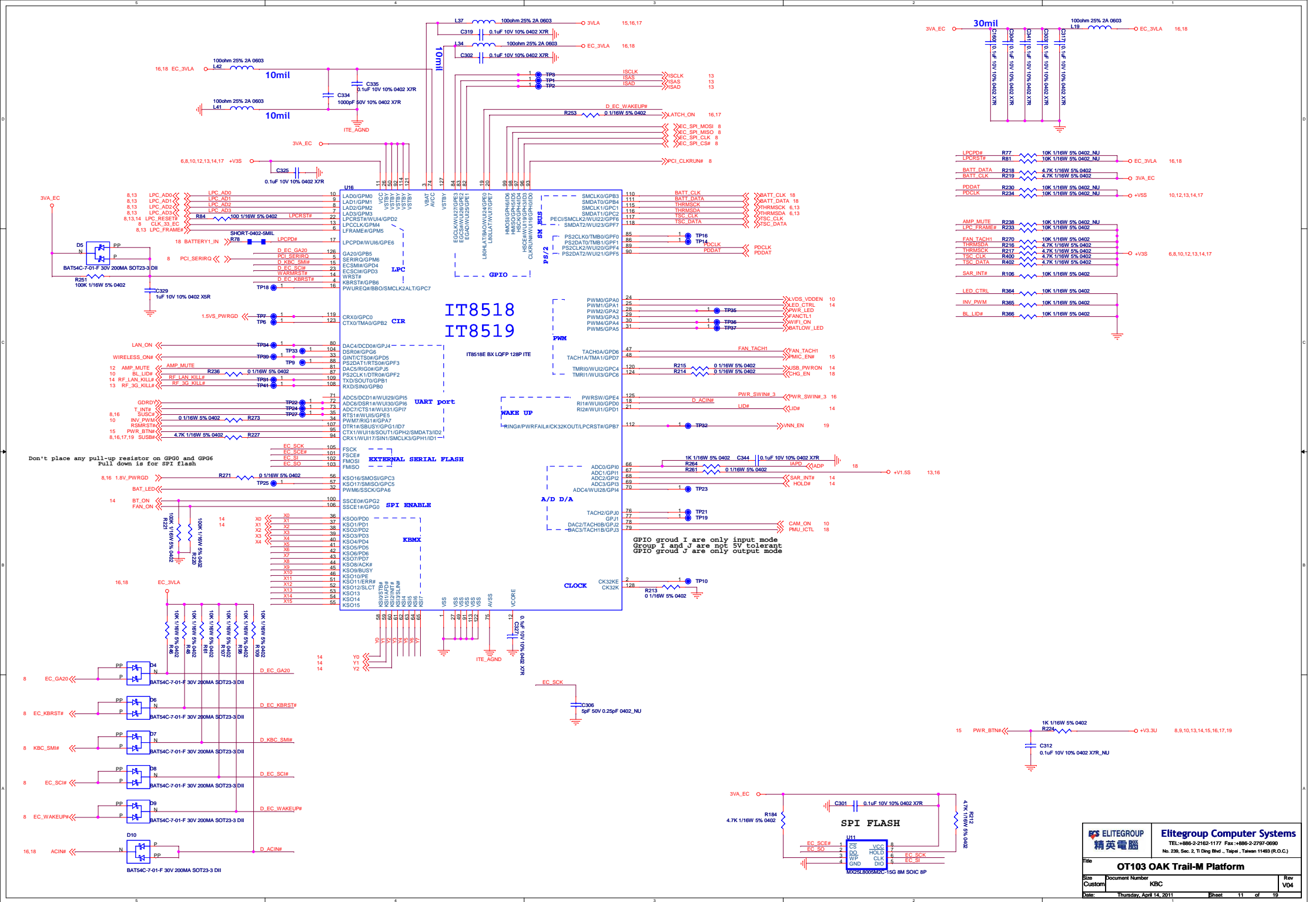


### LCD brightness control



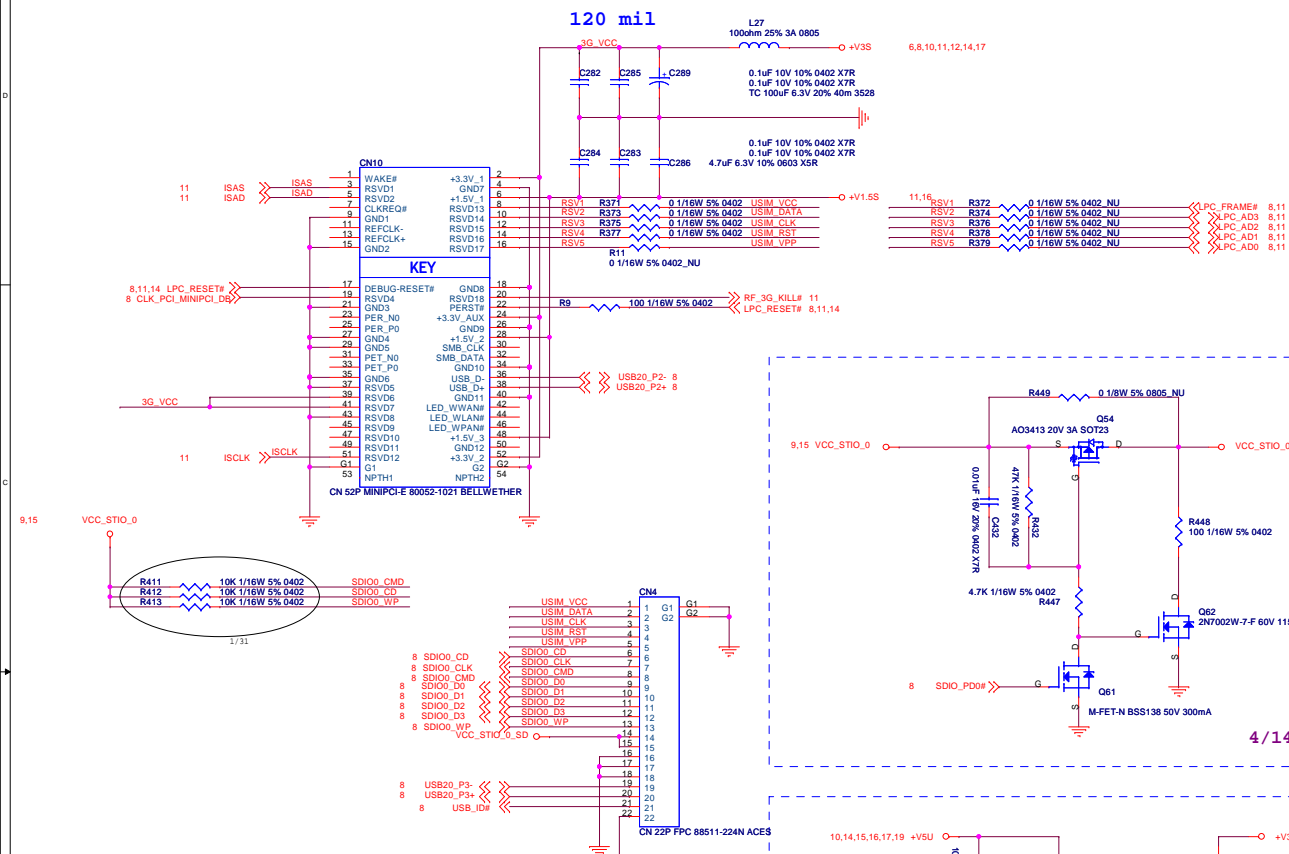
## Web Camera Power Control



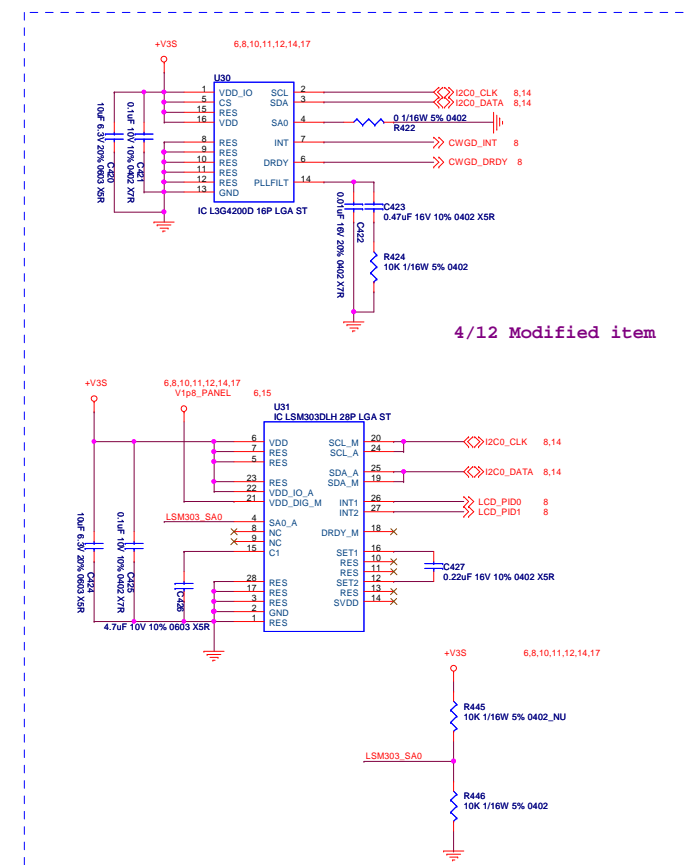
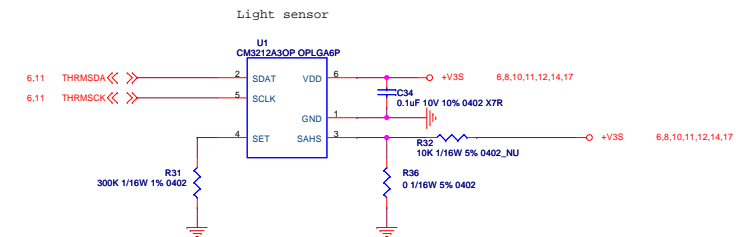
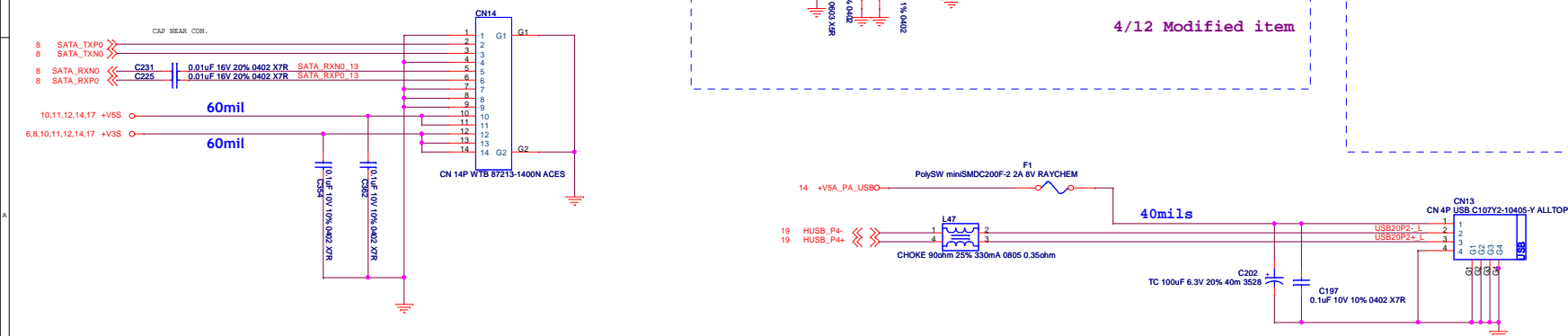


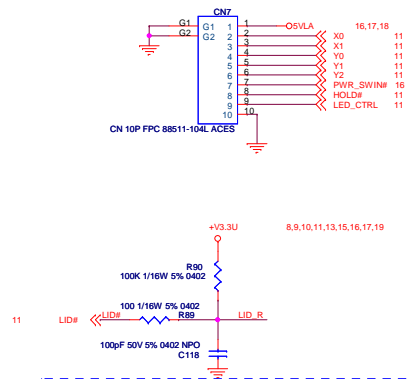


## PCIE Mini Card for 3G

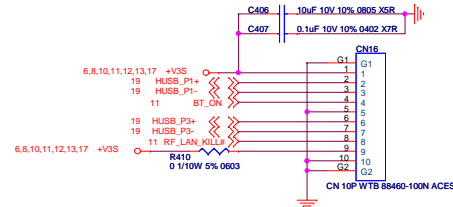


## HDD I/F

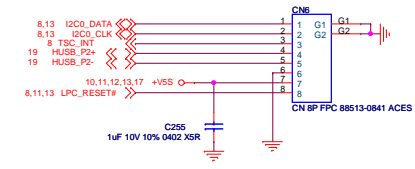




To WLAN+BT module

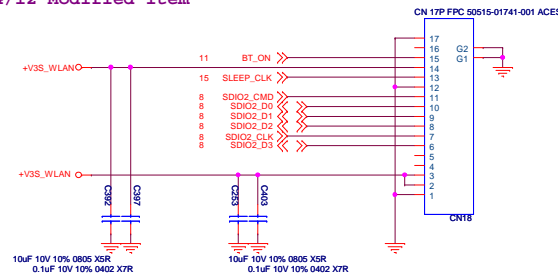


to Touch Panel



4/12 Modified item

To AW WLAN+BT module



+V5A\_USB

