

[LINK
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31. SCH
32. SCH
33. SCH

3.6 -HD[63..0]

VCCVID

B26
C3
VCC1
VCC3
VCC5
VCC6
VCC7
VCC8
VCC9
VCC10
VCC11
VCC12
VCC13
VCC14
VCC15
VCC16
VCC17
VCC18
VCC19
VCC20
VCC21
VCC22
VCC23
VCC24
VCC25
VCC26
VCC27
VCC28
VCC29
VCC30
VCC31
VCC32
VCC33
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VCC36
VCC37
VCC38
VCC39
VCC40
VCC41
VCC42
VCC43
VCC44
VCC45
VCC46
VCC47
VCC48
VCC49
VCC50
VCC51
VCC52

HD#0
HD#1
HD#2
HD#3
HD#4
HD#5
HD#6
HD#7
HD#8
HD#9
HD#10
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HD#58
HD#59
HD#60
HD#61
HD#62
HD#63

W1
T4
N1
M6
U1
S3
T6
S1
P6
Q3
M4
Q1
L1
N3
U3
H4
R4
P4
H6
G1
F8
G3
K6
E3
F1
F12
A5
A3
J3
C5
E6
C7
B2
C9
A9
D8
D10
C15
D14
D12
A7
A11
C11
A21
A15
A17
C13
C25
D16
A23
C21
C19
C27
A19
C23
C17
A25
A27
E25
F16

AM2
GND2
AM3
GND3
AM4
GND4
Z2
GND5
M2
GND6
M2
GND7
H2
GND8
H2
GND9
H2
GND10
AL3
GND11
AL3
GND12
AL3
GND13
AC8
GND14
Y5
GND15
U5
GND16
U5
GND17
C5
GND18
C5
GND19
D4
GND20
B4
GND21
AM7
GND22
AM7
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E6
GND24
E6
GND25
AM1
GND26
AM1
GND27
AL11
GND28
B12
GND29
AM11
GND30
AM11
GND31
E15
GND32
B16
GND33
AM18
GND34
AM18
GND35
AL19
GND36
E20
GND37
B20
GND38
AM2
GND39
AM2
GND40
D22
GND41
E24
GND42
AM4
GND43
AM4
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D28
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F28
GND47
AM4
GND48
AM4
GND49
D30

GND

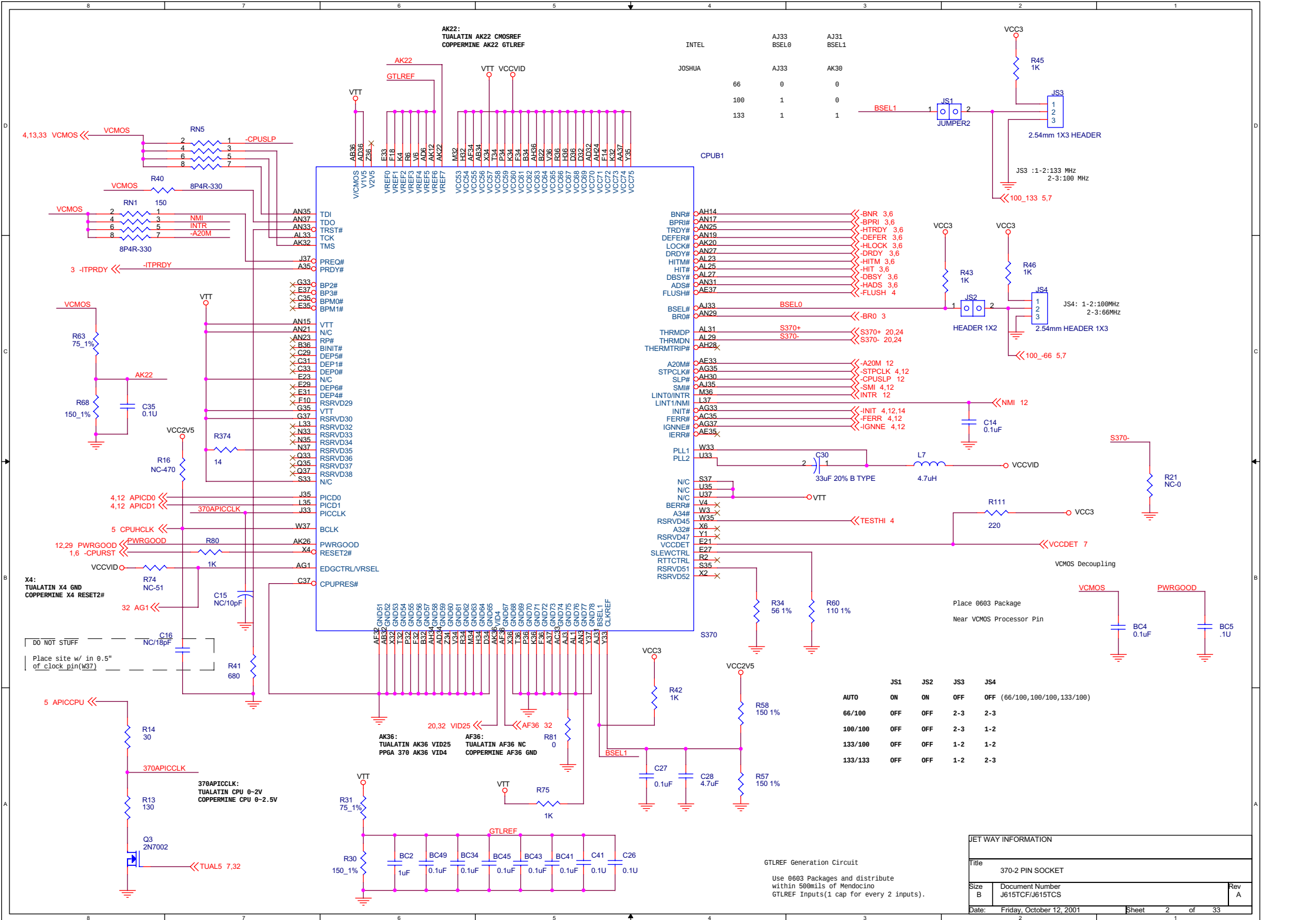
R54
1K
CPUVTTTPWRGD 32
AK4:
TUALATIN AK4 VTTTPWRGD
COPPERMINE AK4 GND

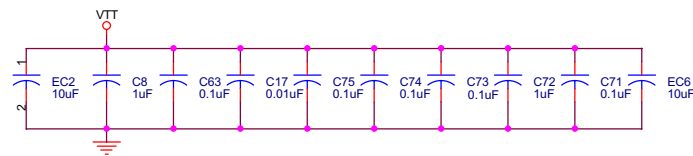
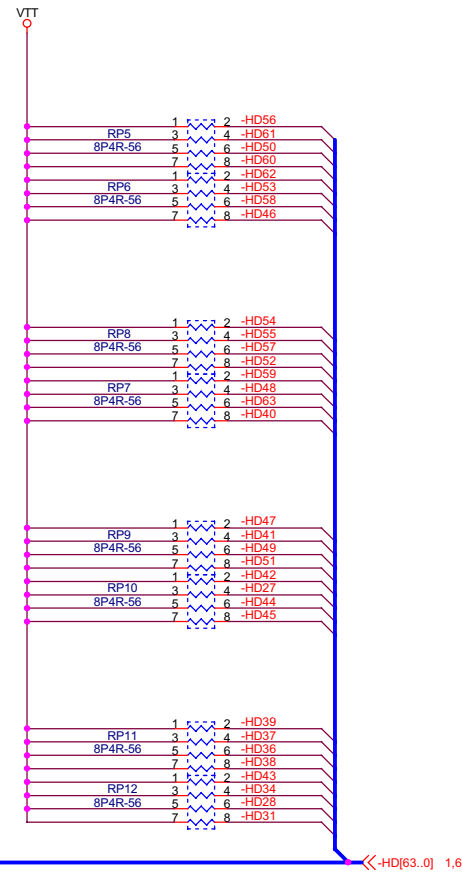
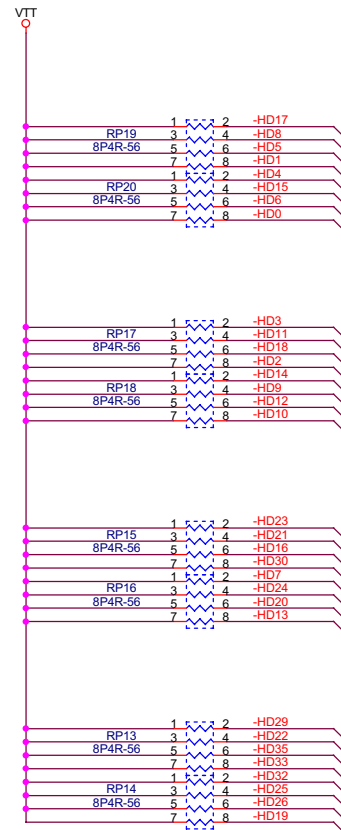
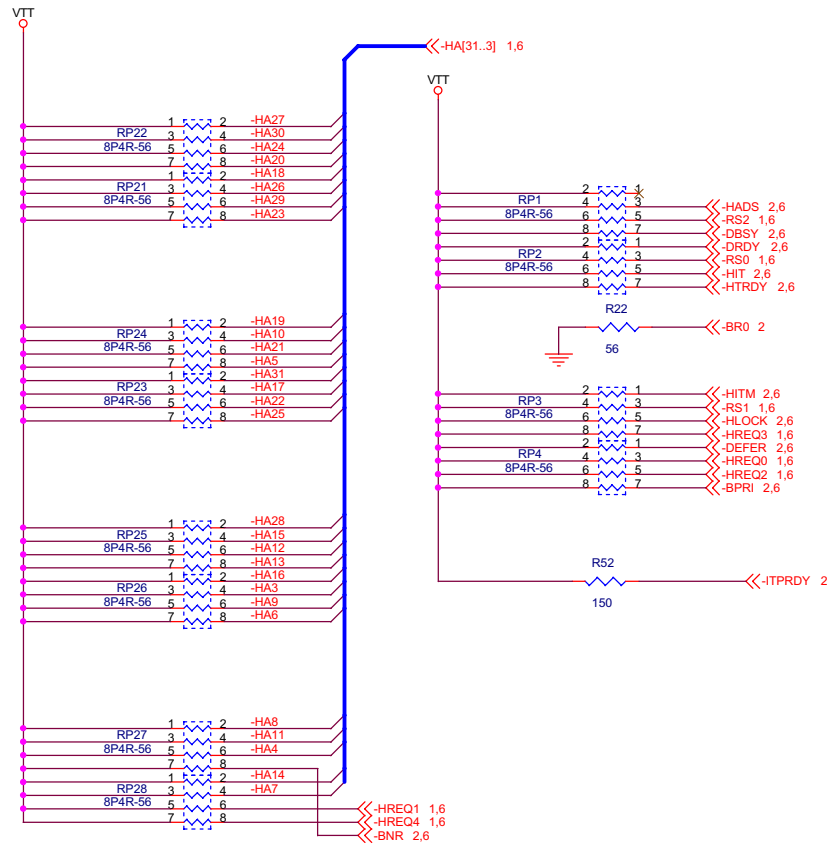
CPUA1

HA#3
HA#4
HA#5
HA#6
HA#7
HA#8
HA#9
HA#10
HA#11
HA#12
HA#13
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HA#15
HA#16
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HA#22
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HA#29
HA#30
HA#31
VID0
VID1
VID2
VID3
RS#0
RS#1
RS#2
REQ#0
REQ#1
REQ#2
REQ#3
REQ#4
VTT
RESET#
DEP7#
DEP3#
DEP2#
N/C
A33#
RSP#
A35#
VTT
AERR#
NS/BSEL1
AP#0
VTT
VTT
VTT
AP1#

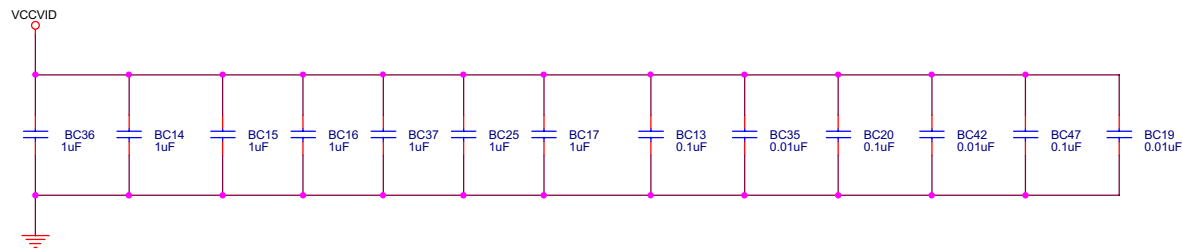
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AH12
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AN9
AL15
AH10
AL9
AH6
AK10
AN5
AL7
AK14
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AG3
AC3
AJ1
AE3
AB6
AB4
AE6
Y3
AA1
AK6
Z4
AA3
AD4
AL35
AM36
AL37
AJ37
AH26
AH22
AK28
AK18
AH16
AH18
AL19
AL17
AH20
AH4
A29
A31
A33
AA33
AA35
AC1
AC37
AE4
AK16
AK24
AK30
AL11
AL13
AL21
AN11
AN13

HA[31..3] 3.6
VID[3..0] 20,32
RS[2..0] 3.6
HREQ[4..0] 3.6
CPURST 2.6
VTT
R72 86
R71 22
C49 10pF

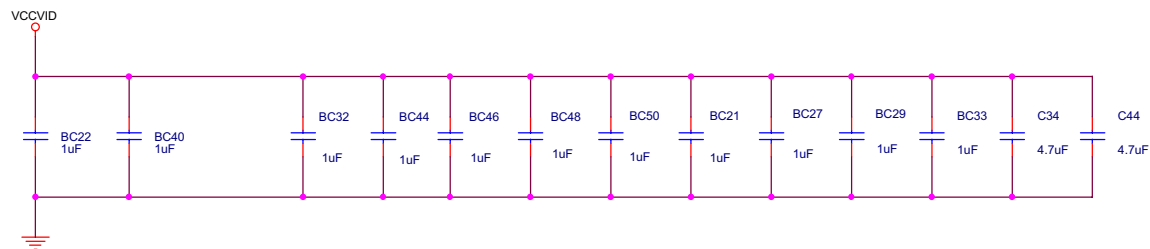




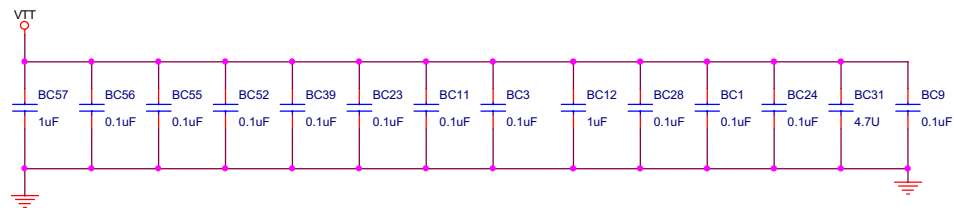
JET WAY INFORMATION			
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GTL Termination			
Size	Document Number		Rev
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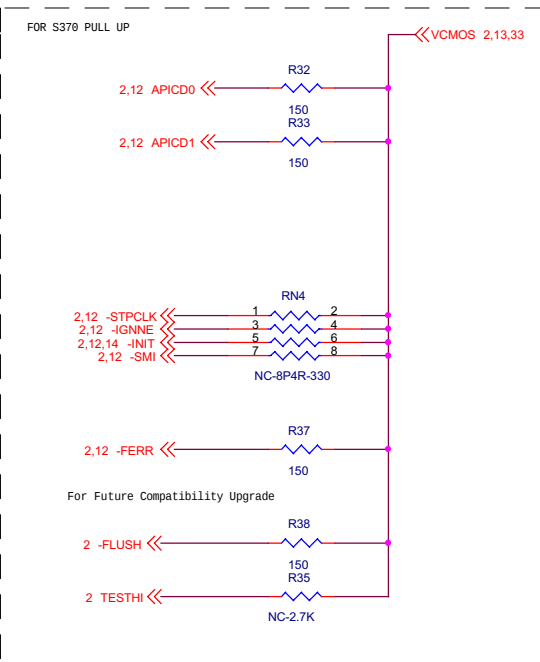
FOR CPU



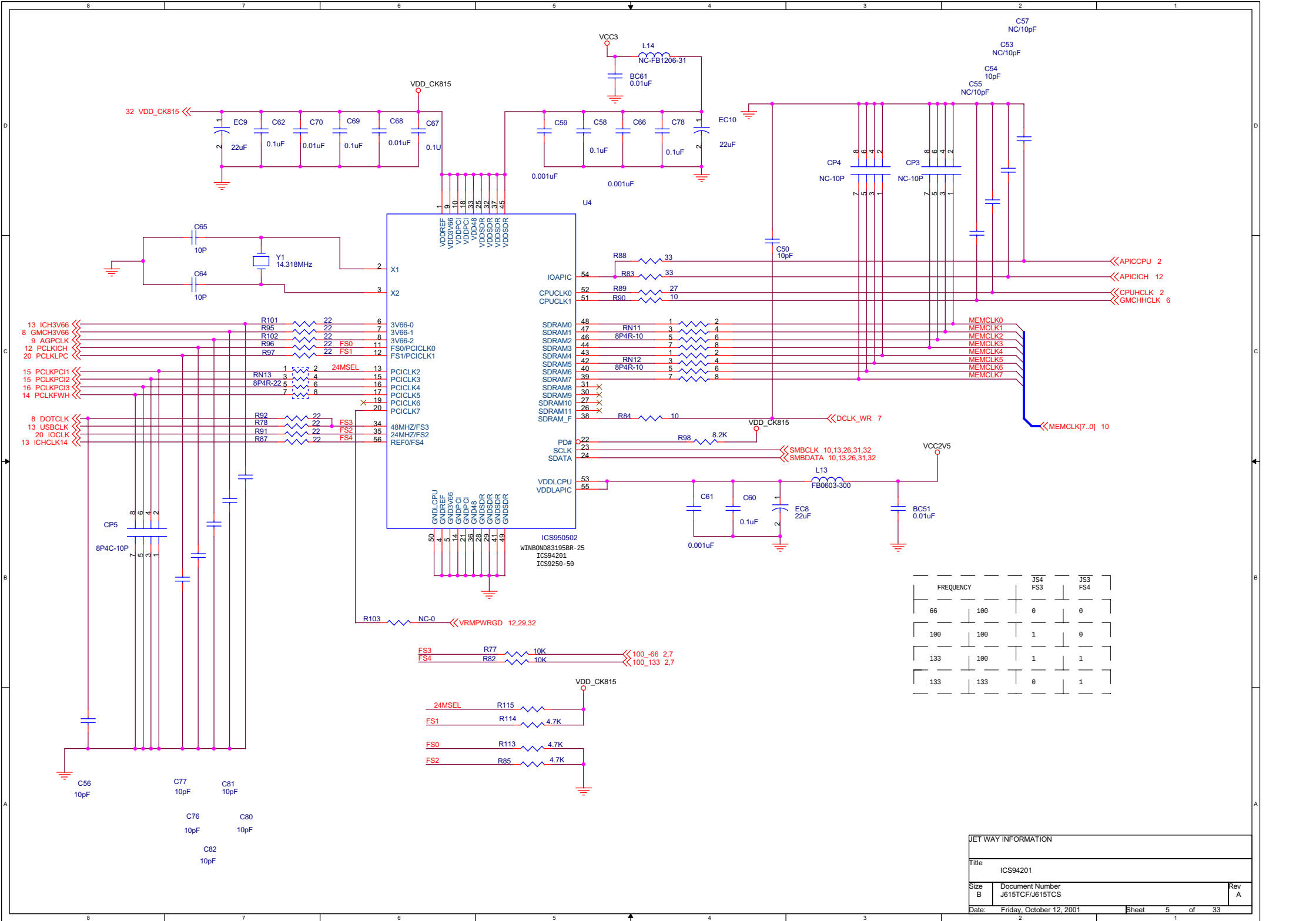
FOR CPU



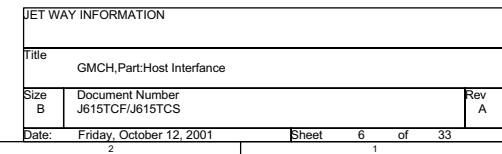
FOR CPU VTT

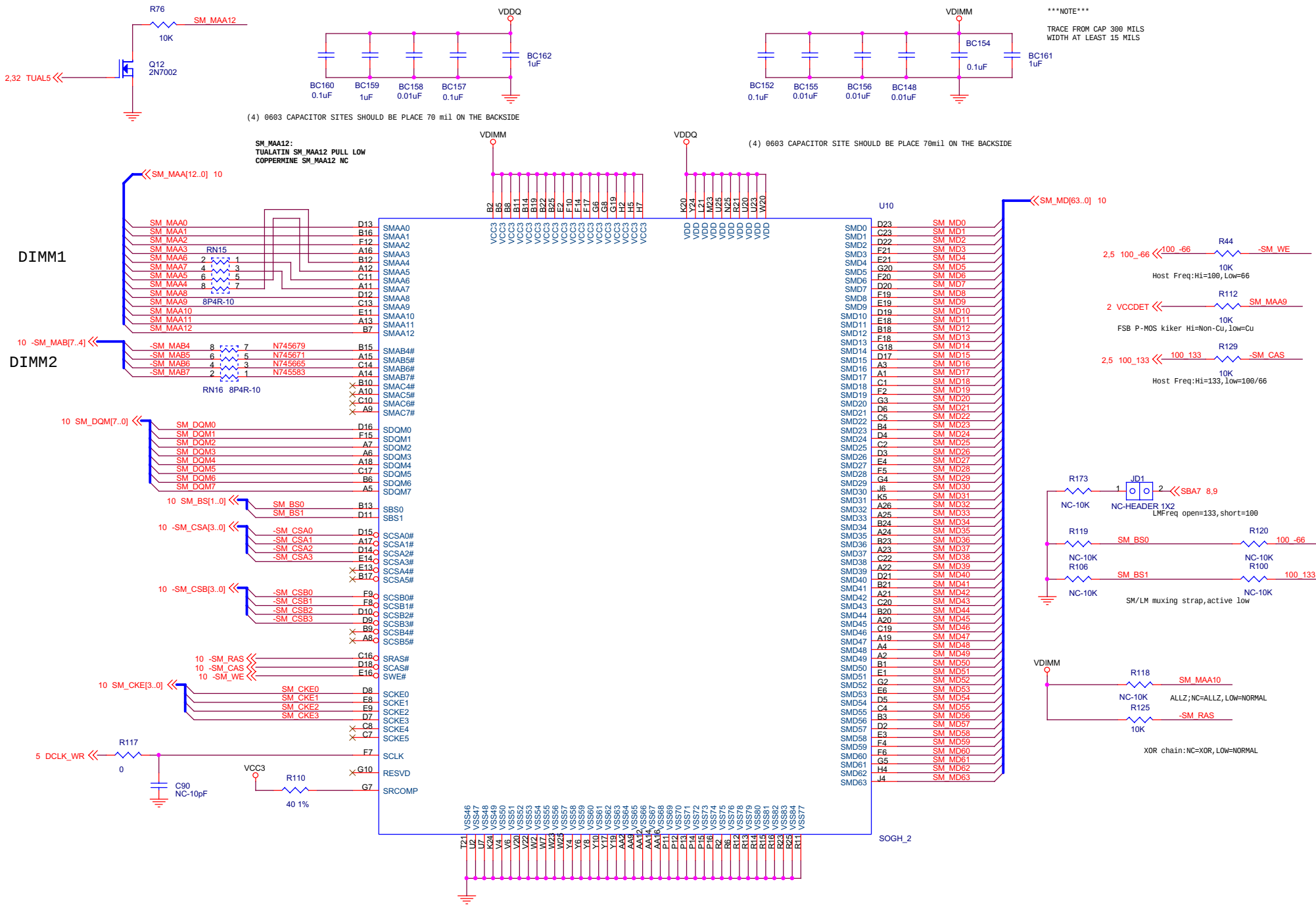


JET WAY INFORMATION			
Title			
370-pin Socket Decoupling			
Size	Document Number		
	J615TCF/J615TCS		
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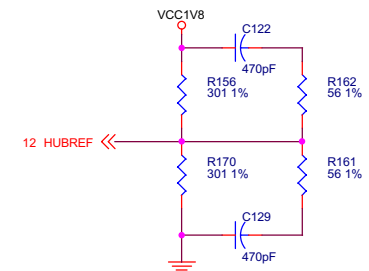
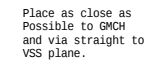


FREQUENCY		J54 FS3	J53 FS4
66	100	0	0
100	100	1	0
133	100	1	1
133	133	0	1



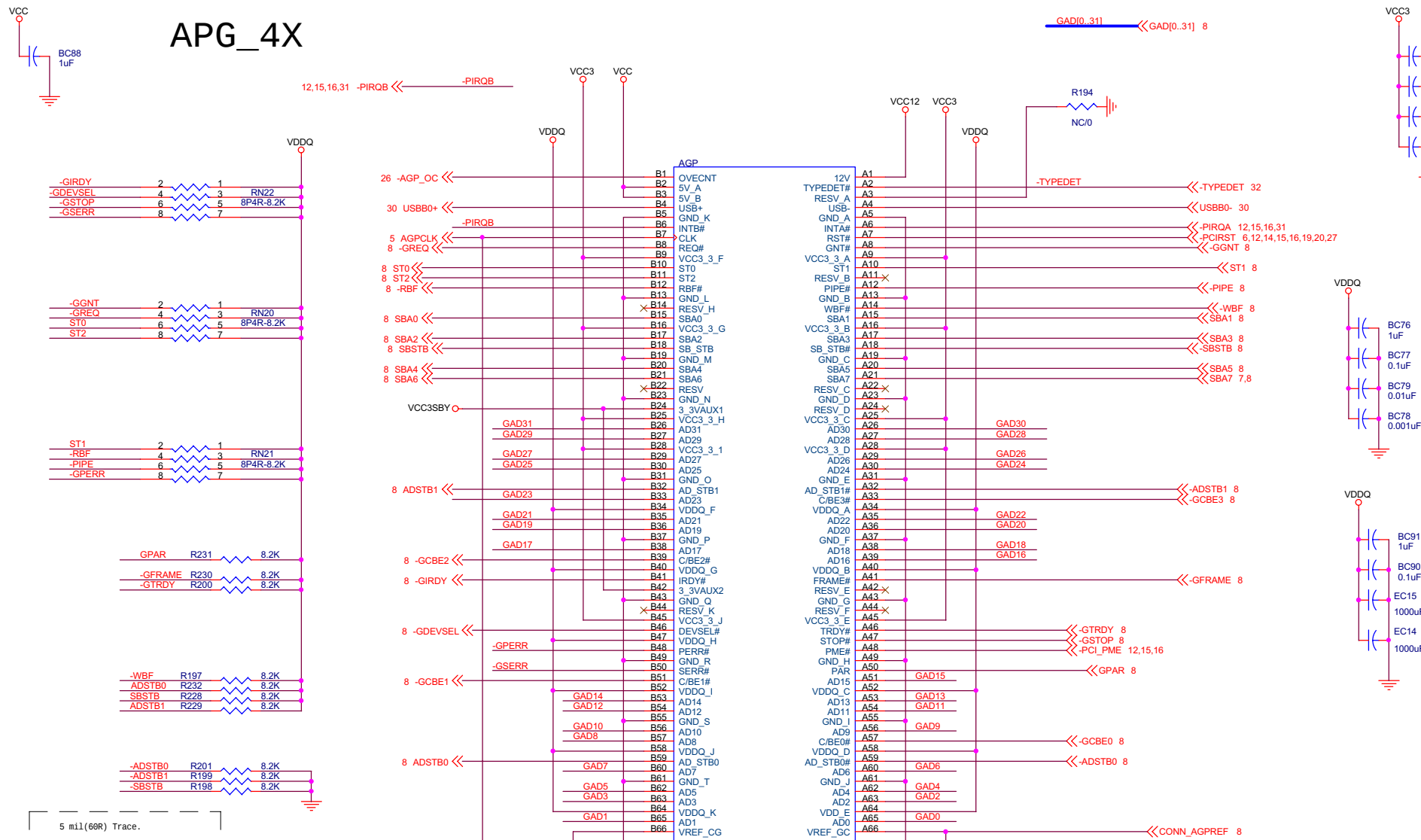


JET WAY INFORMATION		
Title		
GMCH,Part2:System Memory and Hub		
Size	Document Number	Rev
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[illegible]

JET WAY INFORMATION			
Title GMCH,Part 3:Display Cache and Video			
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APG_4X



5 mll(60R) Trace.

If AGP interpace < 6 at least 1:3 trace spacing (data and data) & (strokes and strokes). But data and strokes muse 1:4

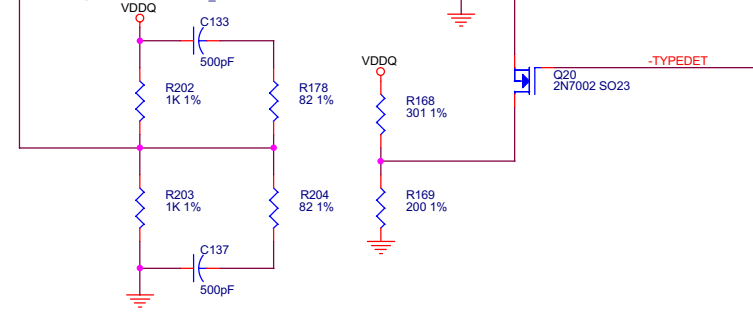
2X/4X signals muse be matched their associated strobe within +/- 0.5 inches.

Strobe signals:
AD_STB0, AD_STB0#, AD_STB1, AD_STB1#
SB_STB, SB_STB#

The strobe pair must be length matched to less than +/- 0.1

DATA	Strobe in 2X	Strobe in 4X
AD[15:0], C/BE[1:0]#	AD_STB0	AD_STB0, AD_STB0#
AD[31:16], C/BE[3:2]#	AD_STB1	AD_STB1, AD_STB1#
SBA[7:0]	SB_STB	SB_STB, SB_STB#

EXAMPLE

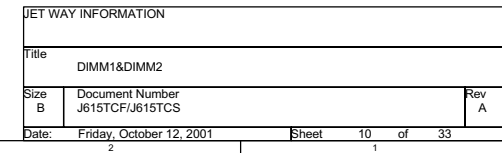


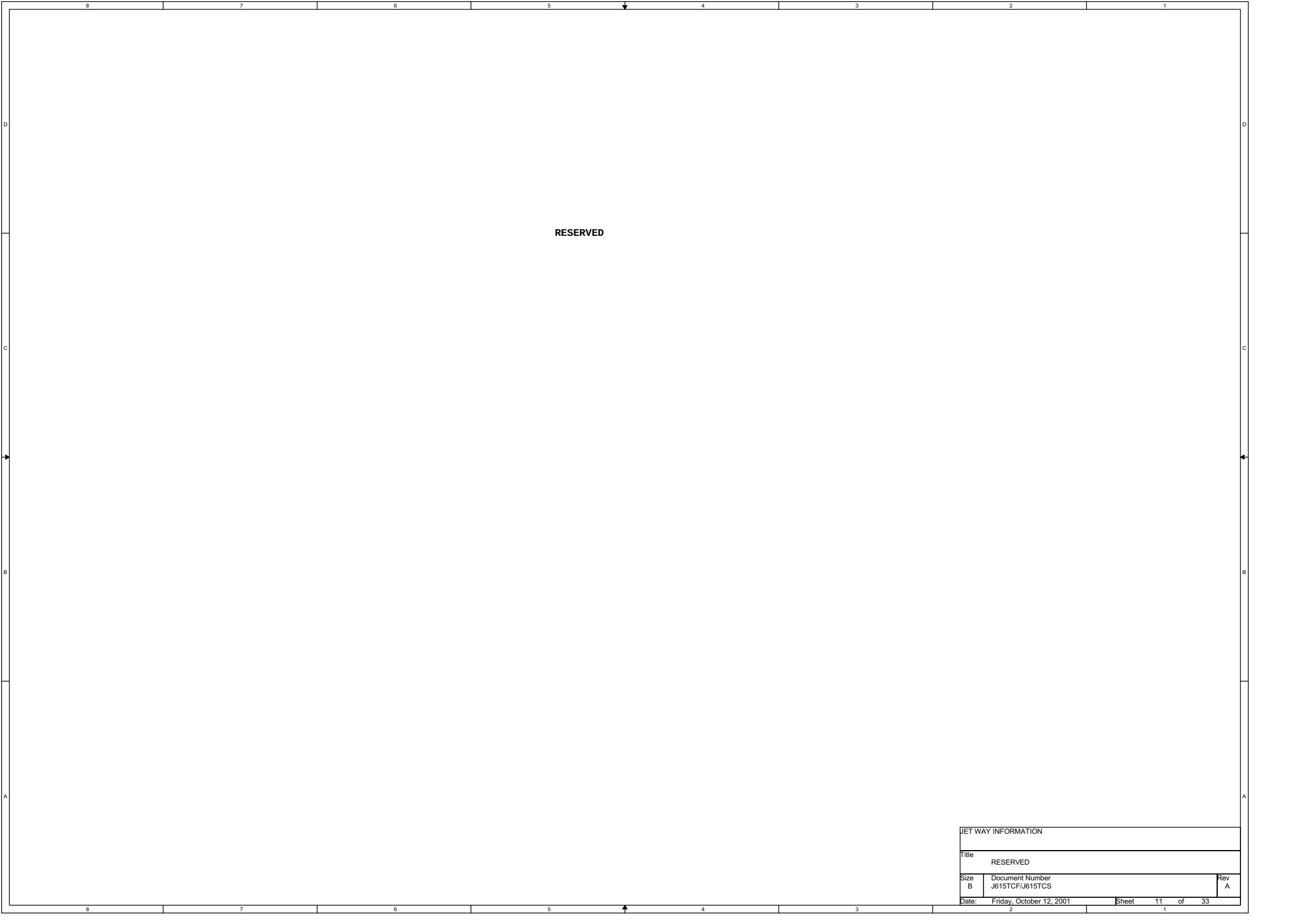
EXAMPLE:

AD_STB0 & AD_STB0# is 5.3 long.
AD[15:0] & C/BE[1:0] can be 4.8 to 5.8 long.

SB_STB & SB_STB# is 4.2
SBA[7:0] can be 3.7 to 4.7 long.

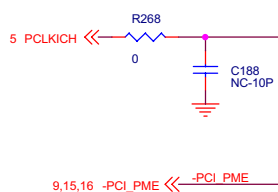
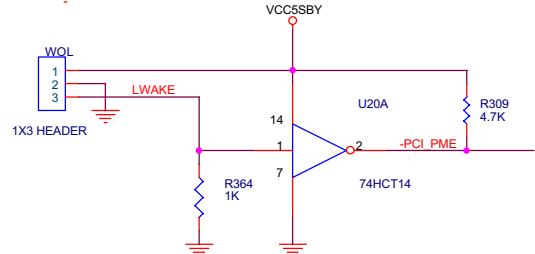
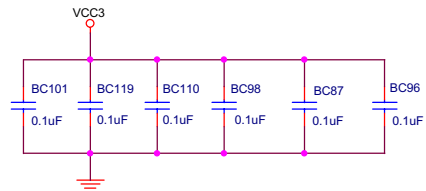
JET WAY INFORMATION		
Title AGP SLOT		
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RESERVED

JET WAY INFORMATION			
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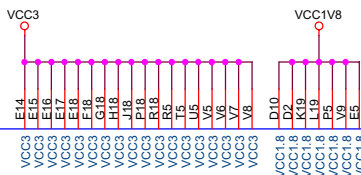
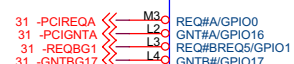
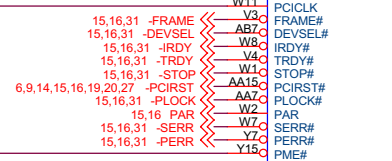


9,15,16 -PCI_PME

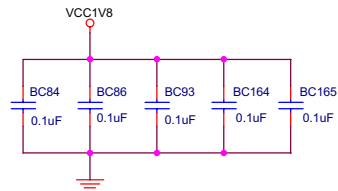
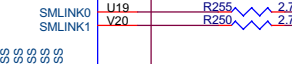
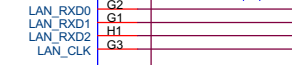
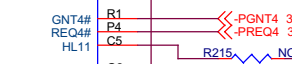
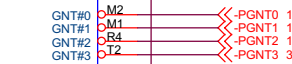
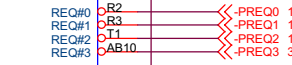
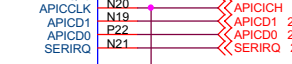
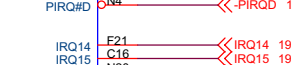
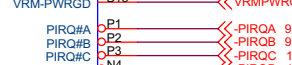
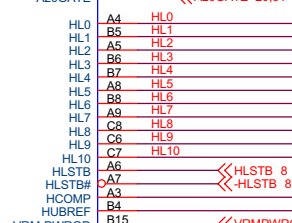
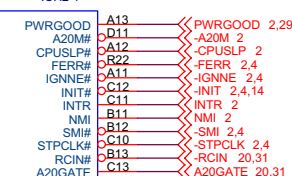


15,16 AD[31..0]

15,16 -C_BE[3..0]



U14 ICH2-1



VCC1V8

R217 40 1%

BC81 0.1uF

R215 NC-0

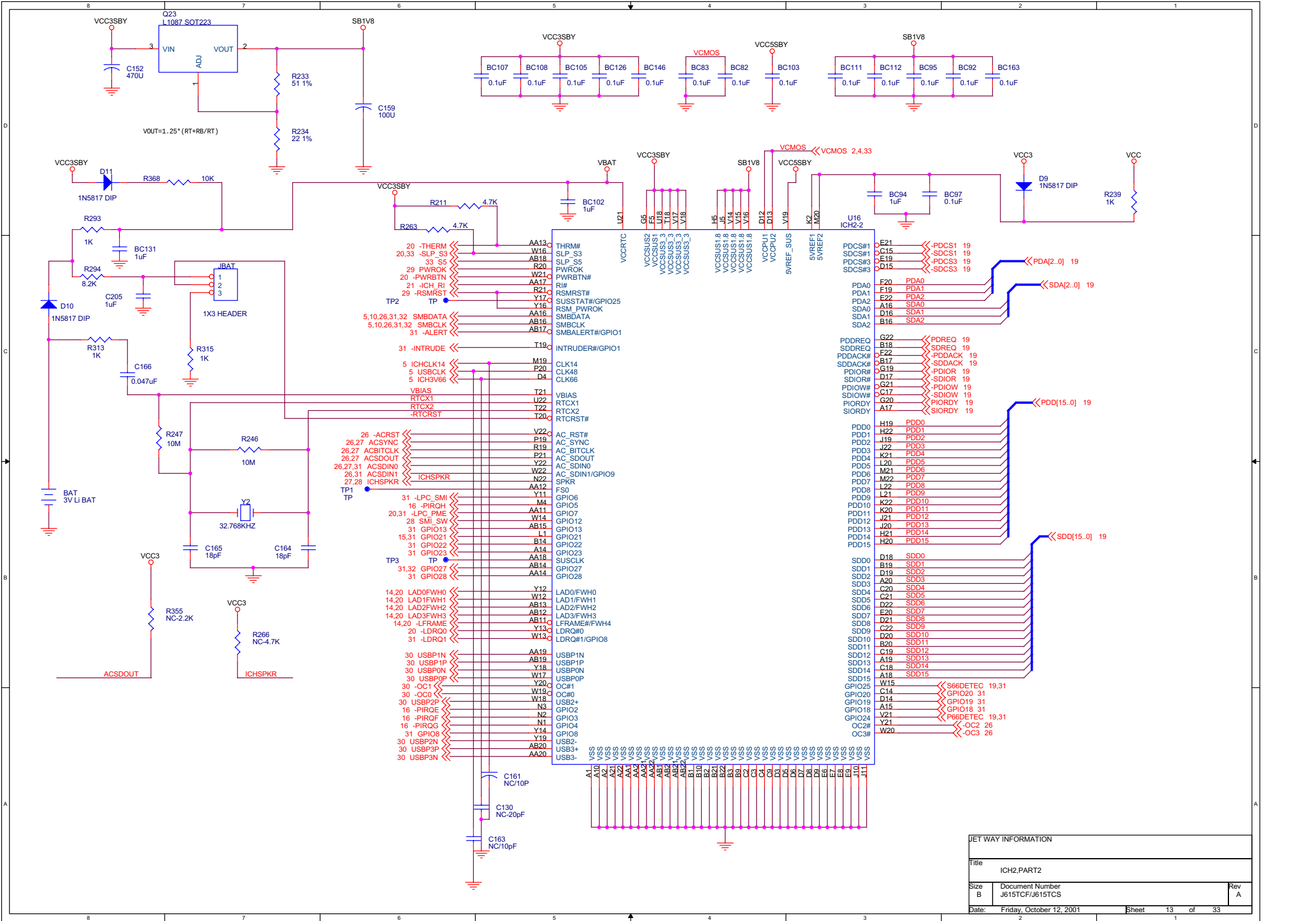
R255 2.7K

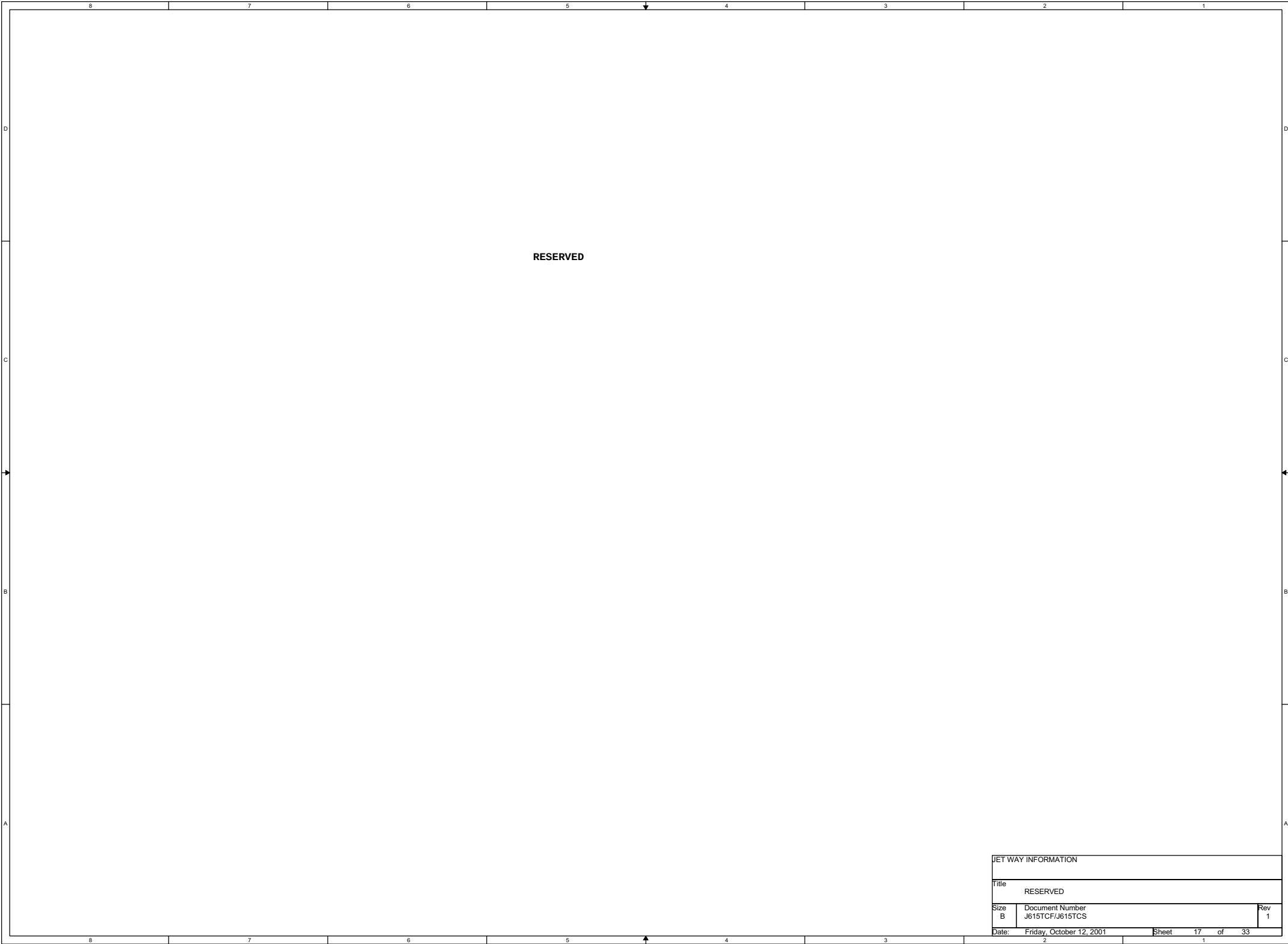
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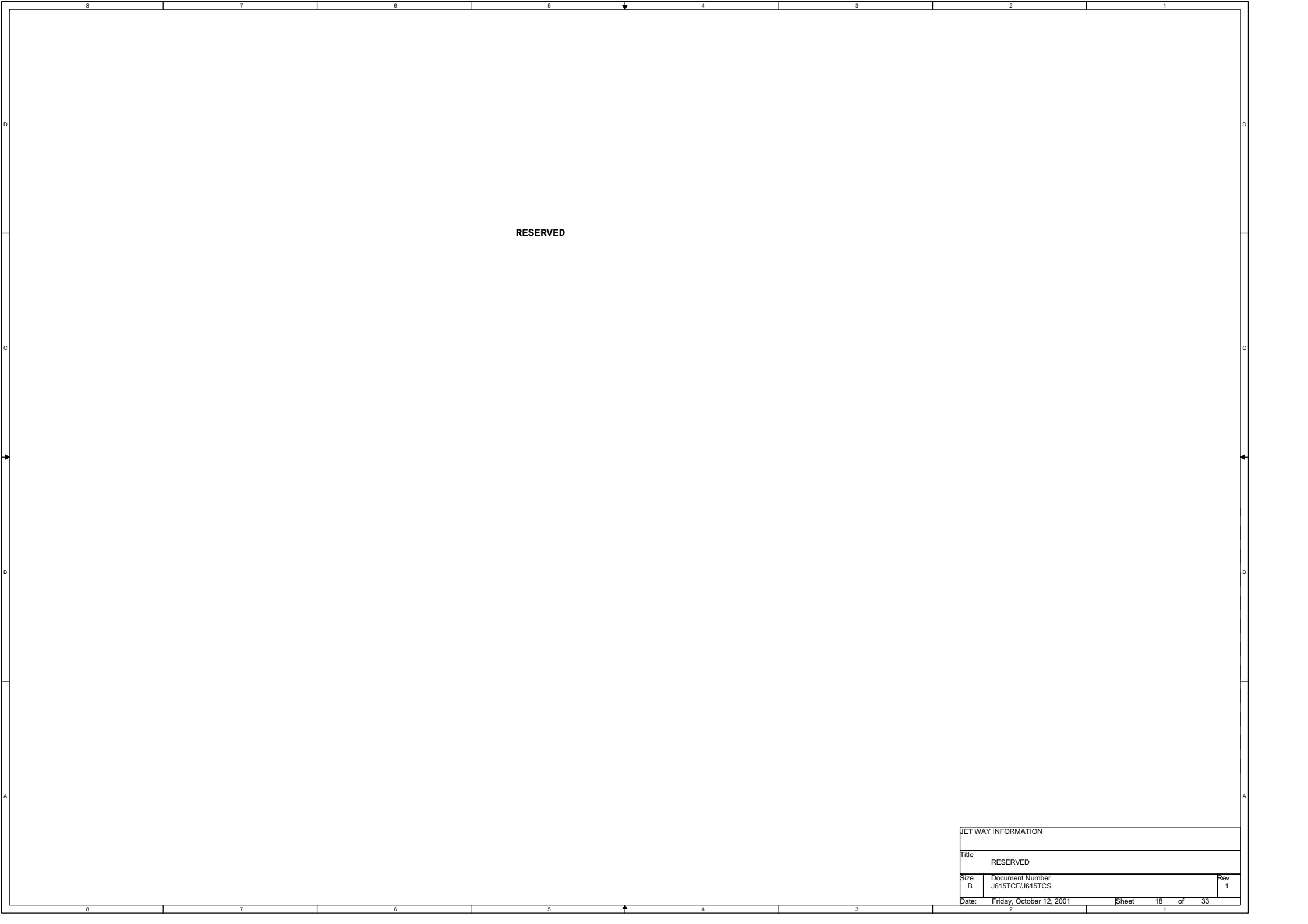
VCC3SBY

C160 NC/10P

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ICH2,PART1			
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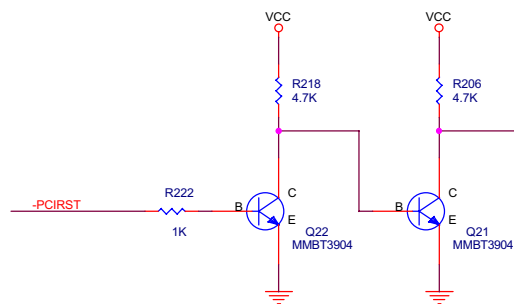




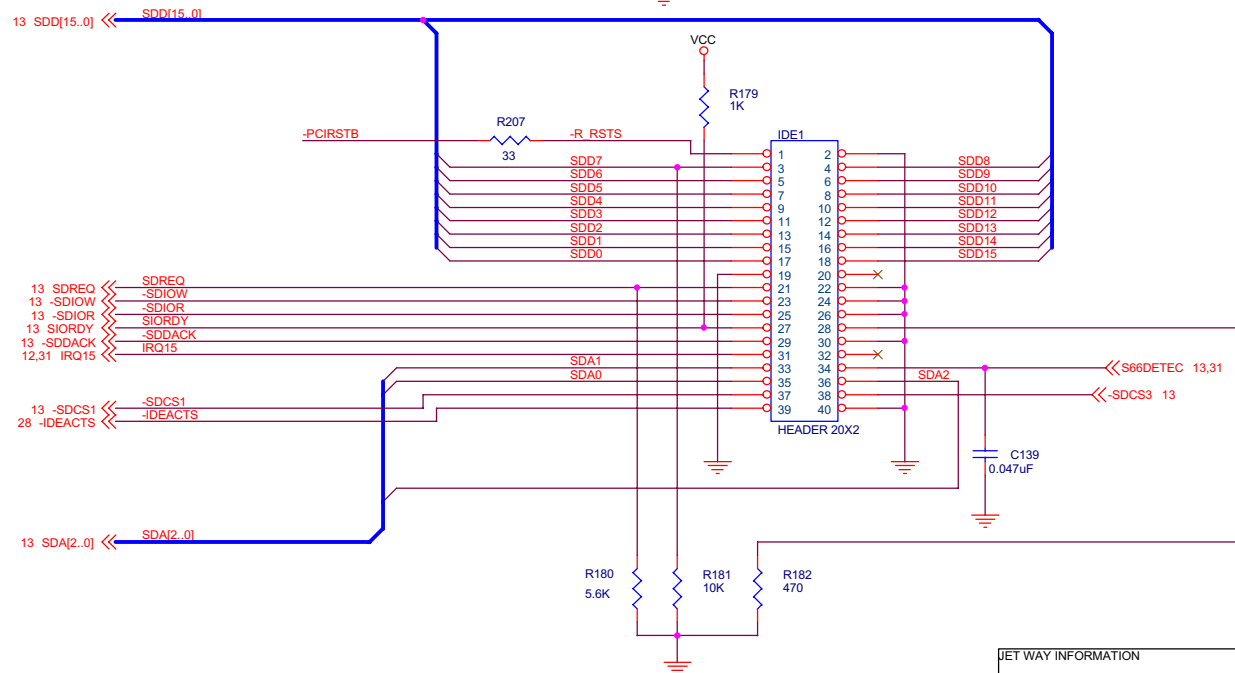
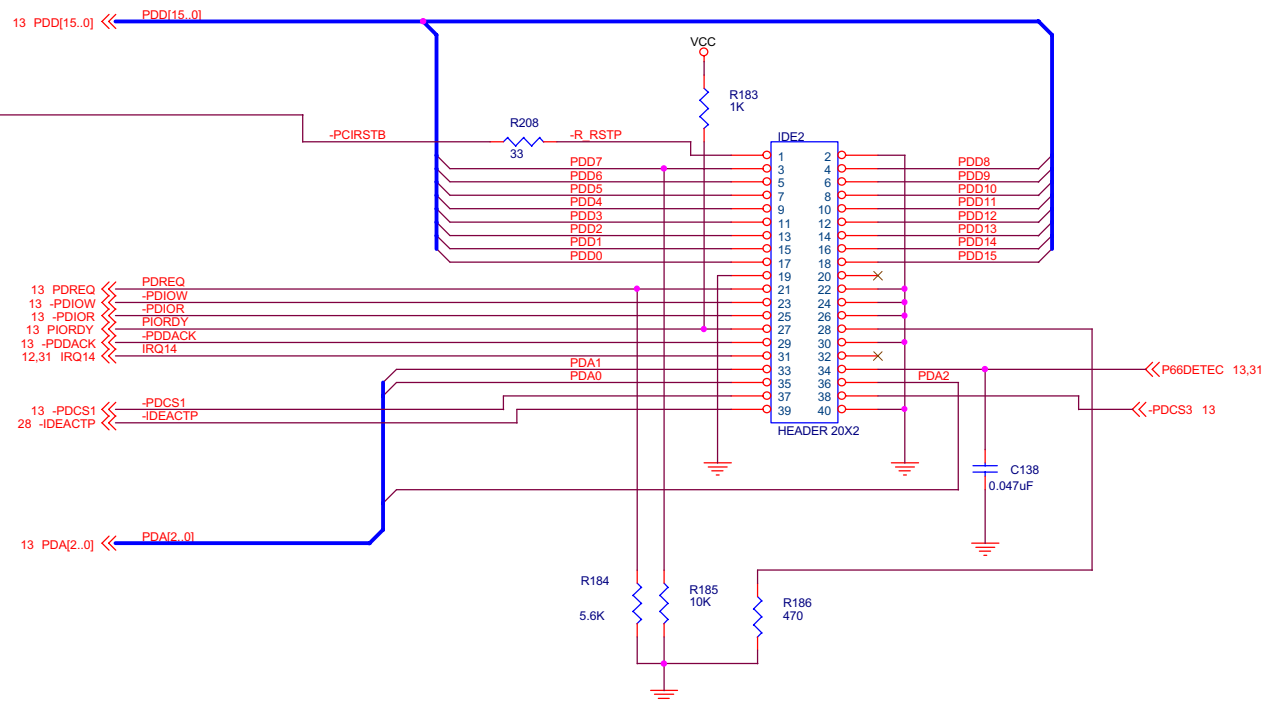


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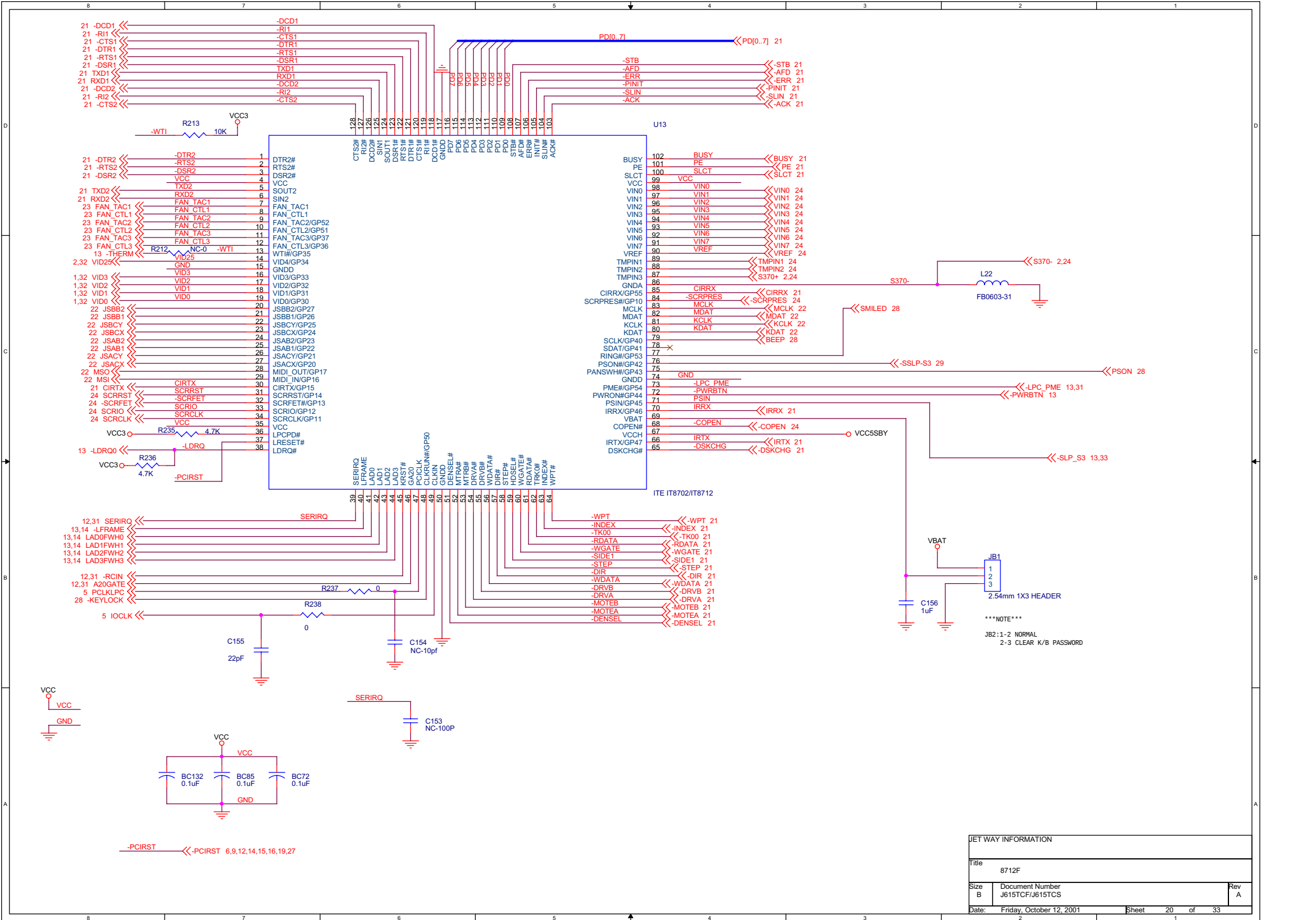
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Size	Document Number		Rev
B	J615TCF/J615TCS		1
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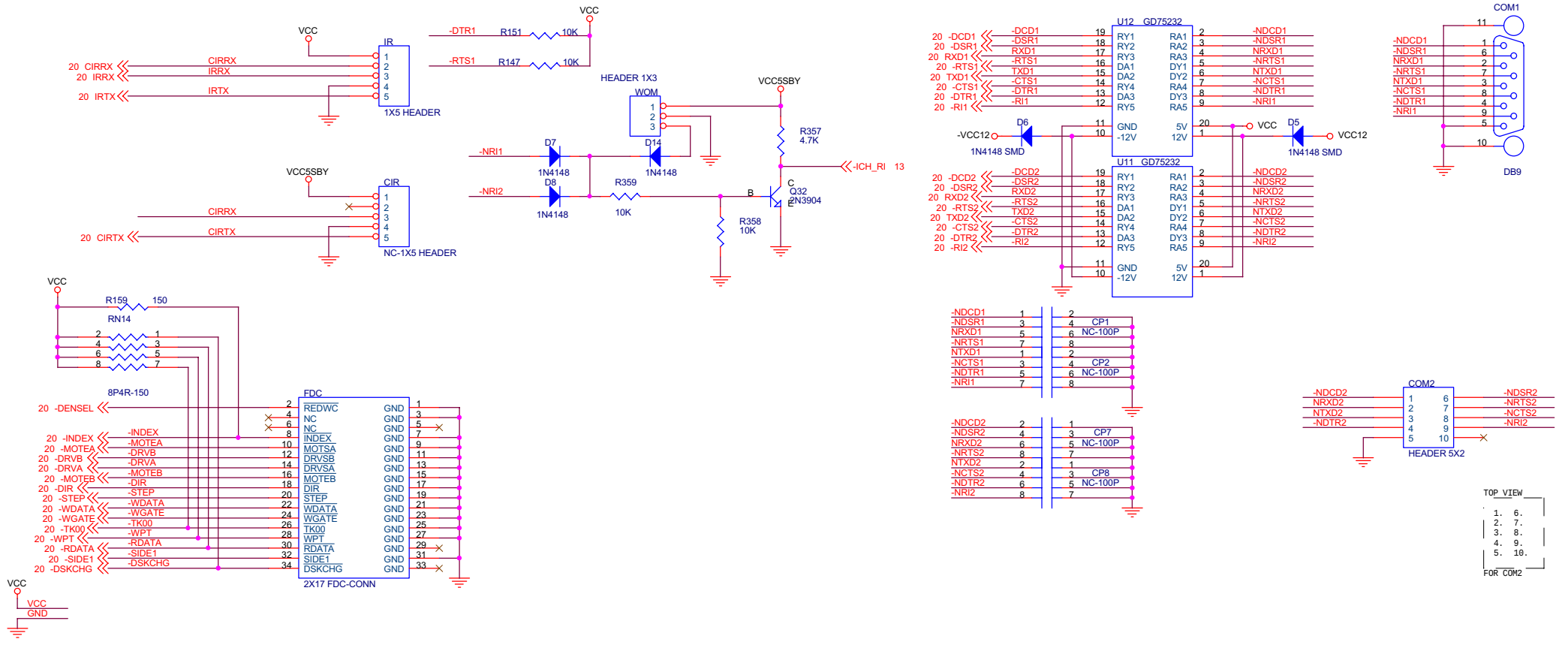


6,9,12,14,15,16,20,27 -PCIRST <<-PCIRST

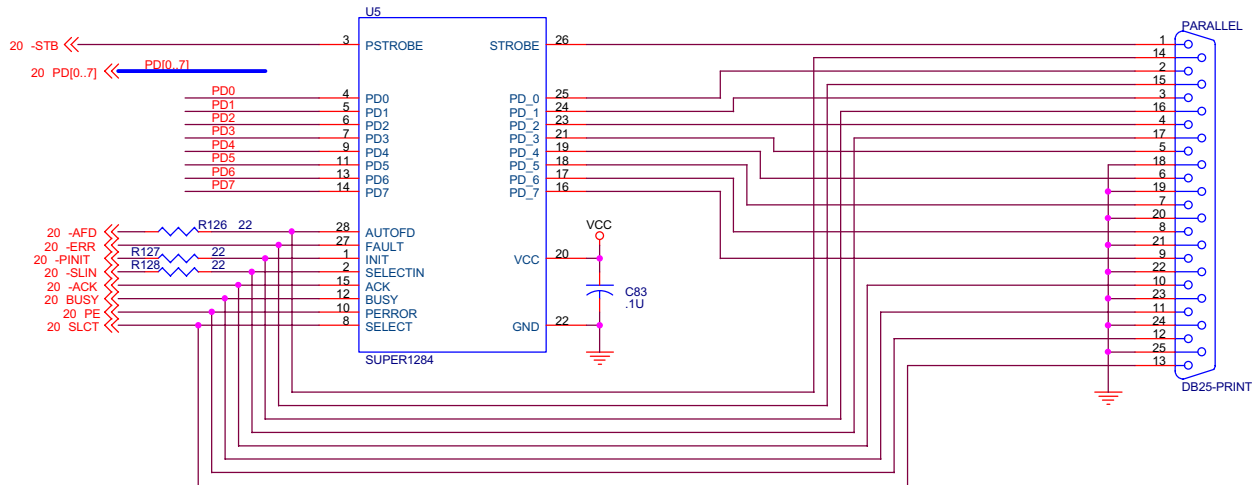


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Title		IDE CONNECTORS	
Size	Document Number	Rev	
B	J615TCF/J615TCS	A	
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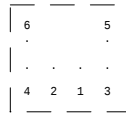
PRT PORT



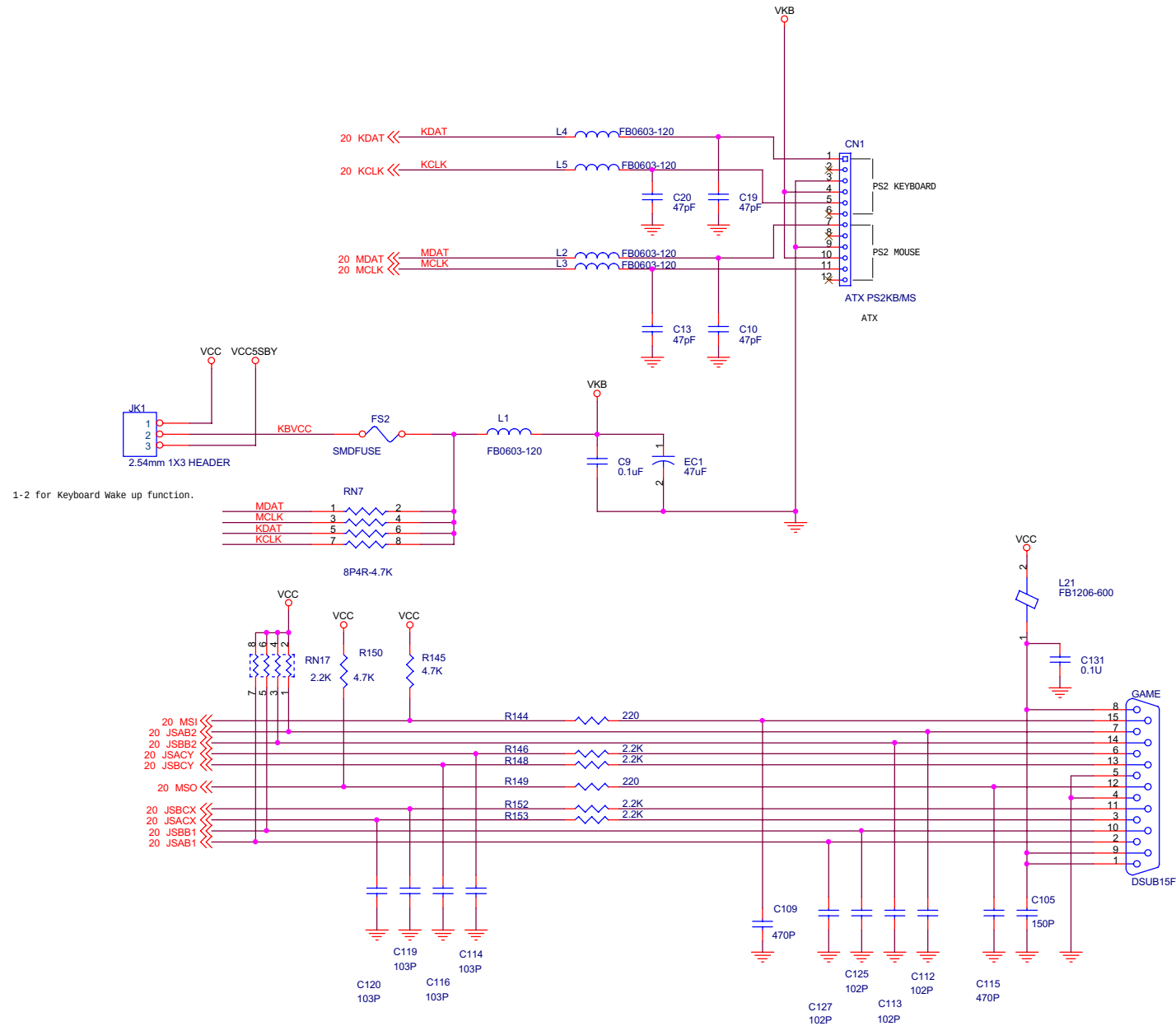
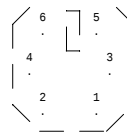
JET WAY INFORMATION			
Title		I/O CONNECTOR	
Size	Document Number	Rev	
B	J615TCF/J615TCS	A	
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KBD & Mouse Connectors

TOP VIEW



CONNECTOR VIEW



JET WAY INFORMATION

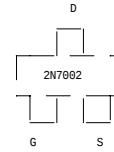
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Size B Document Number J615TCF/J615TCS

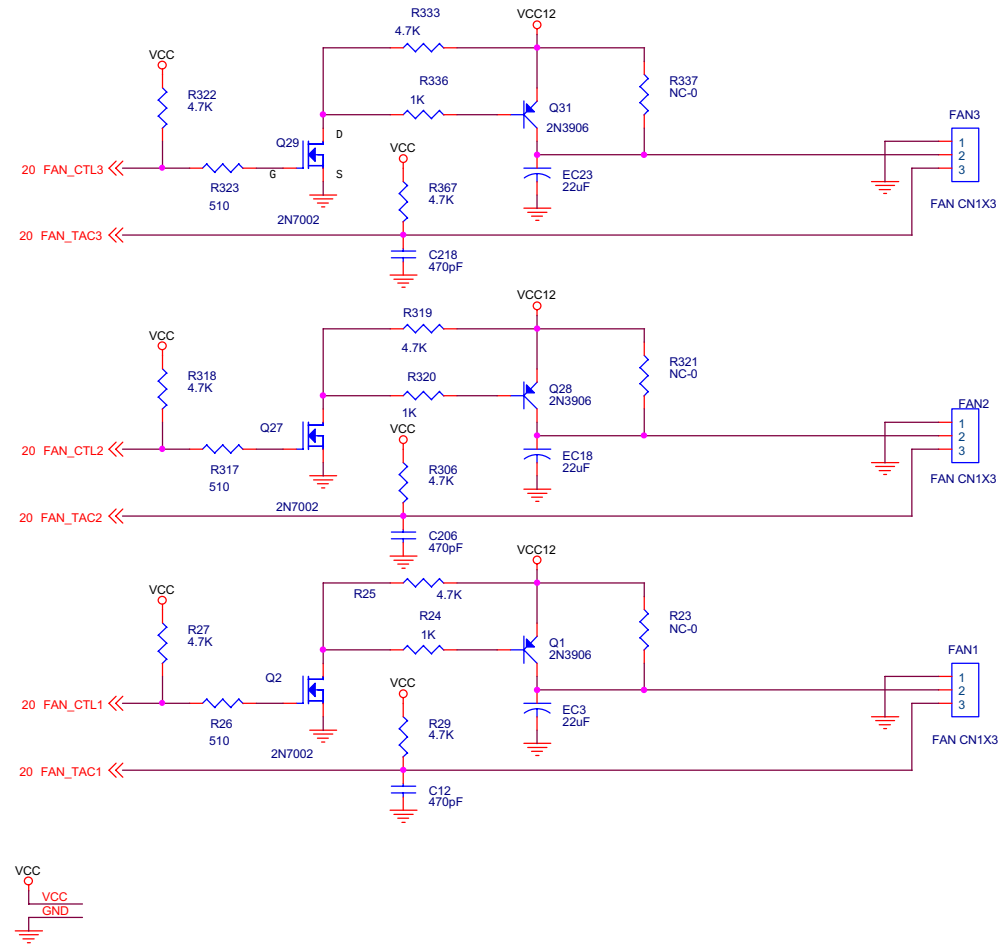
Rev A

Date: Friday, October 12, 2001

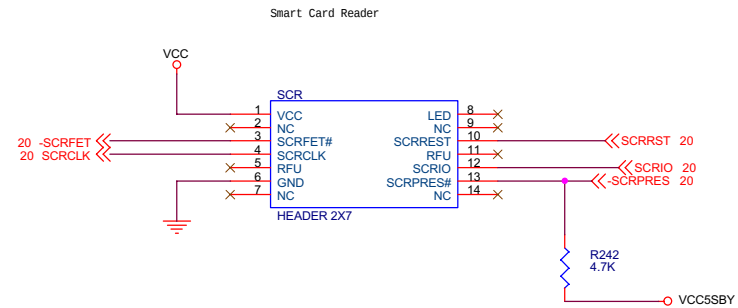
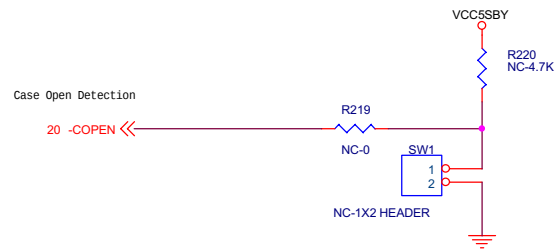
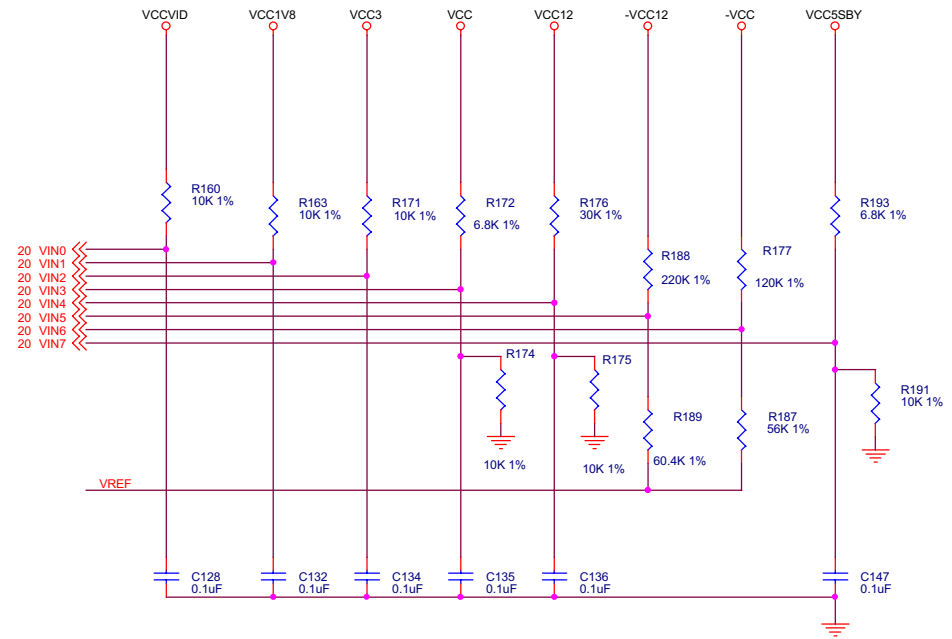
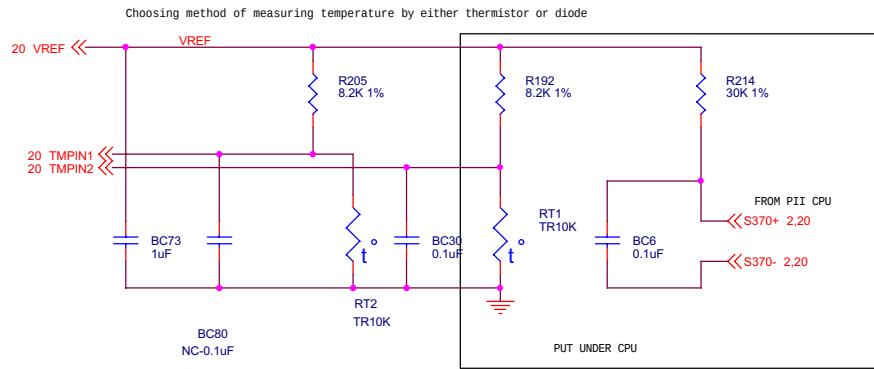
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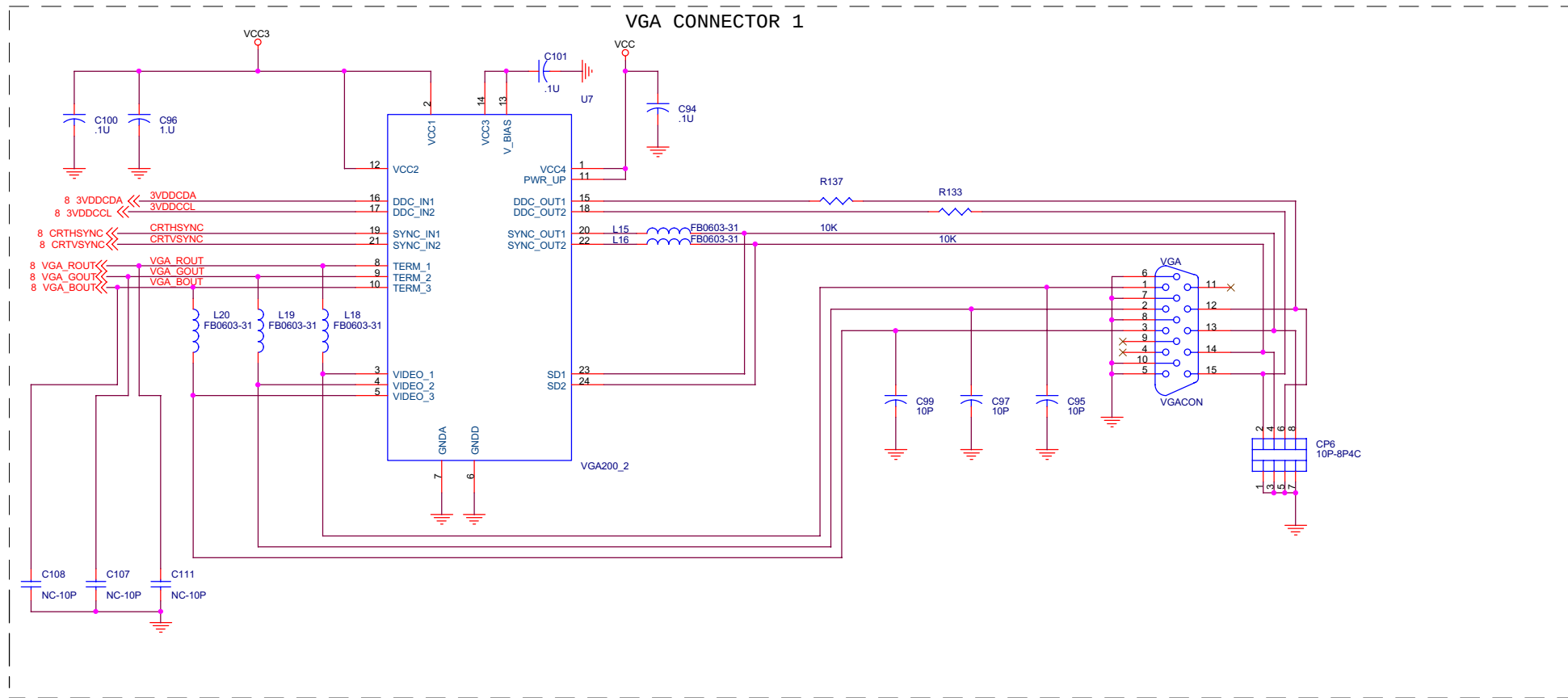
FAN Input and Output



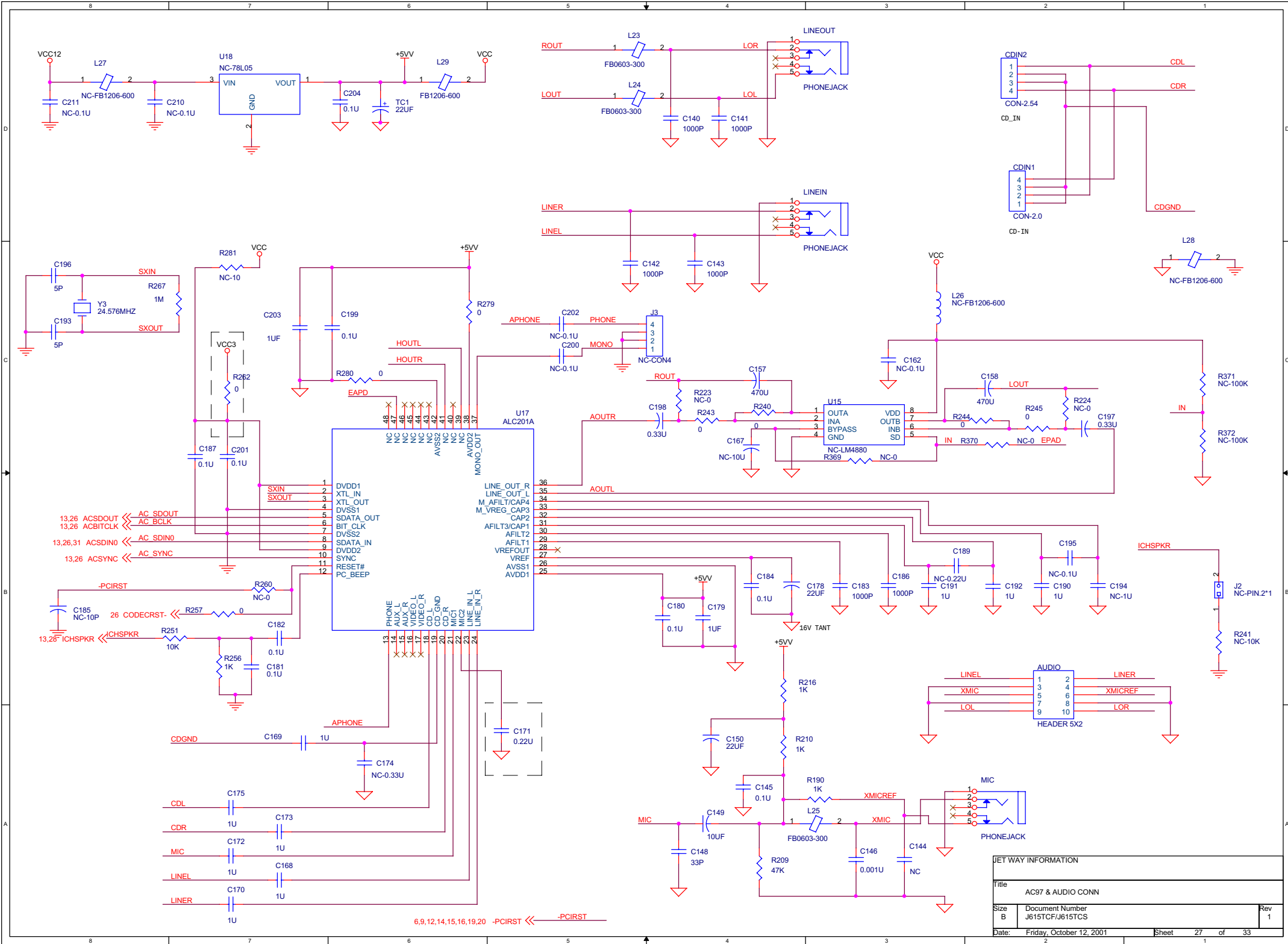
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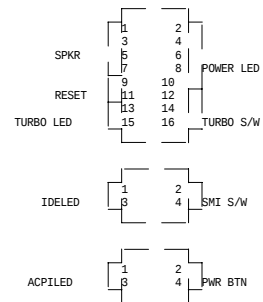
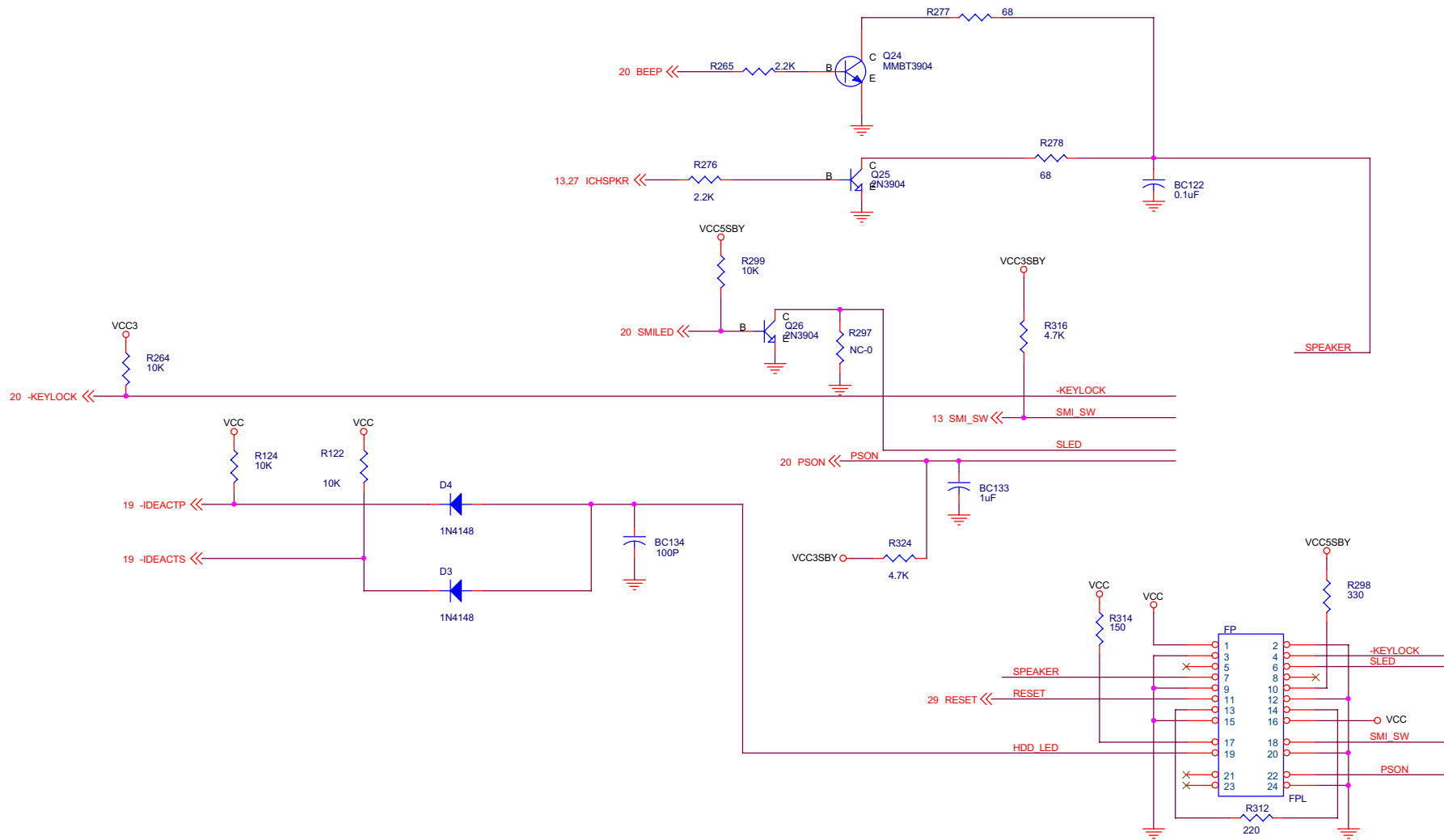


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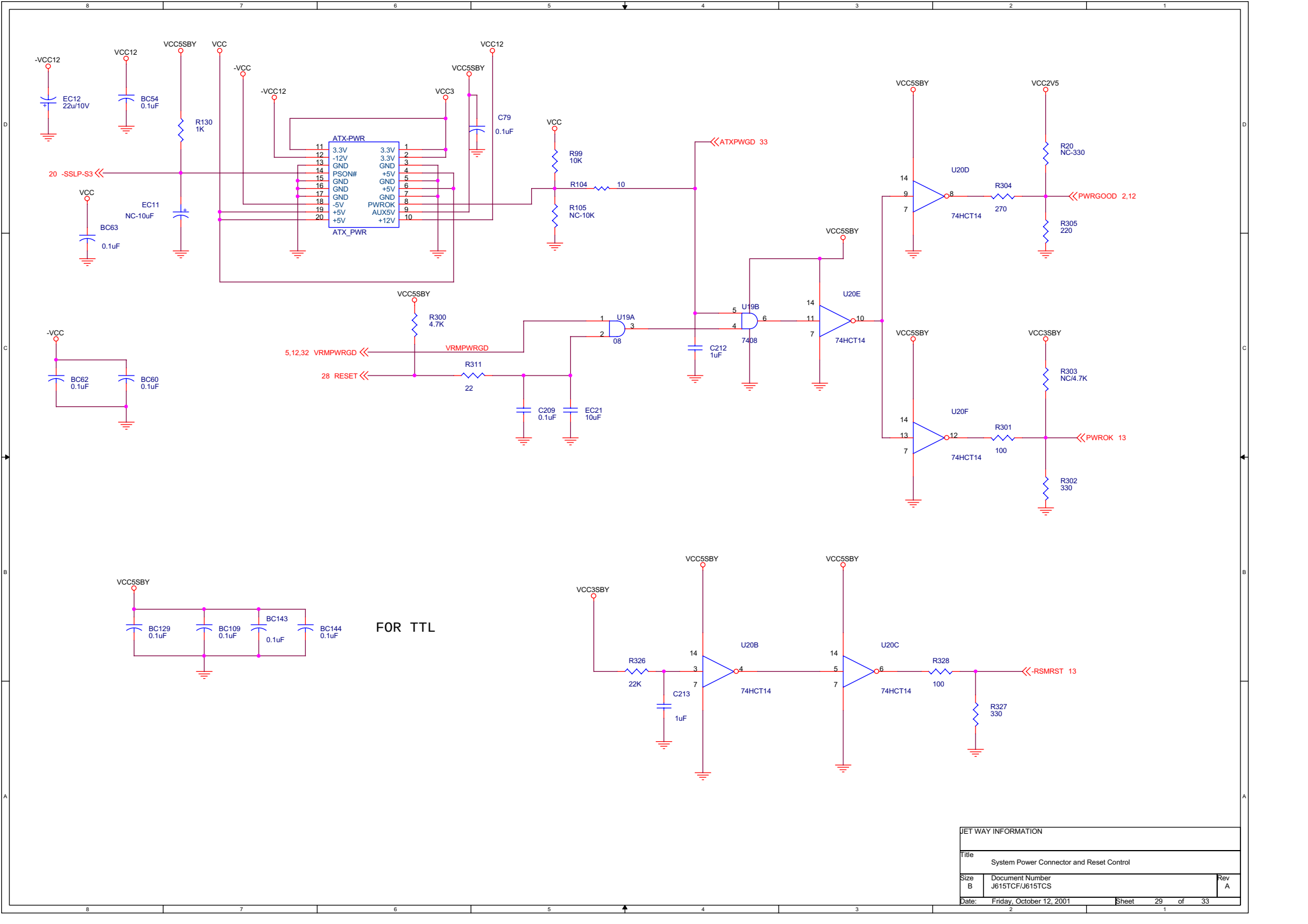


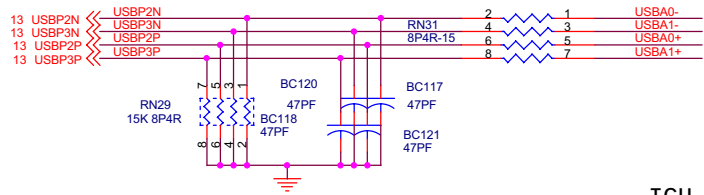
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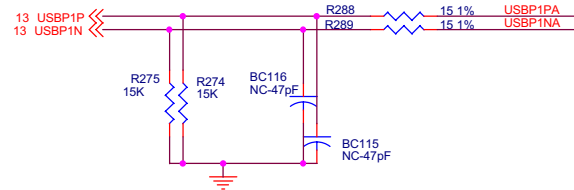


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SYSTEM		
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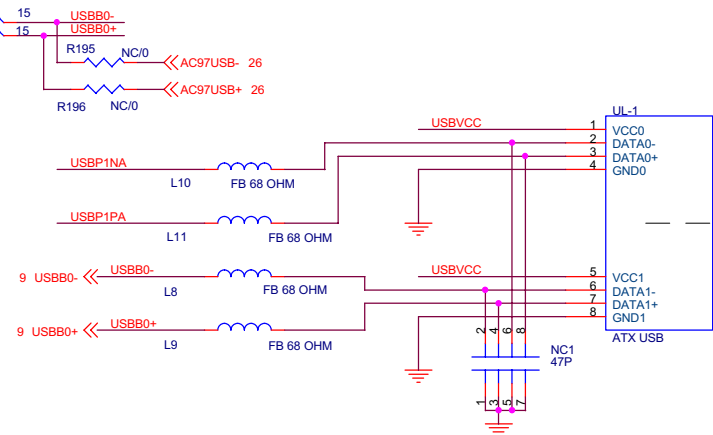
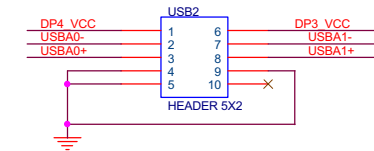
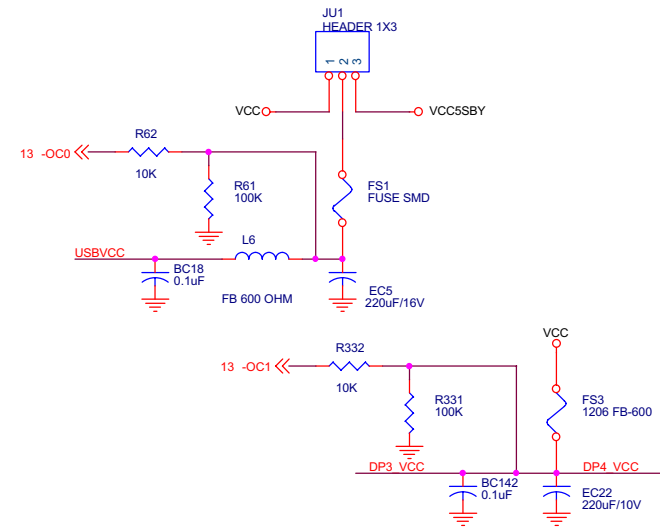
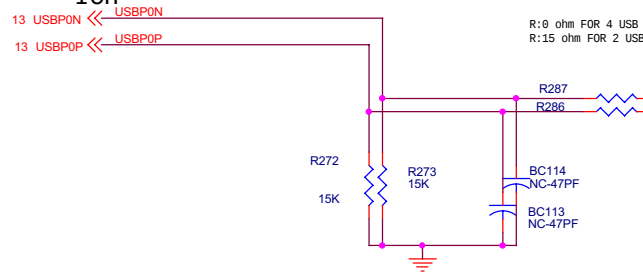




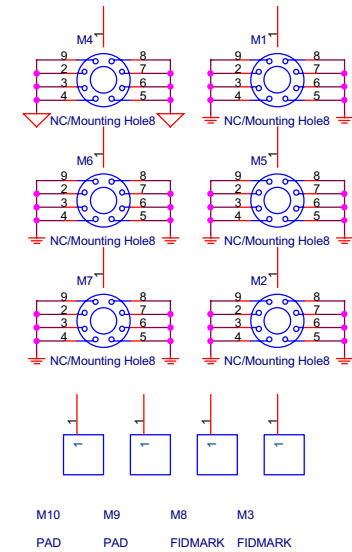
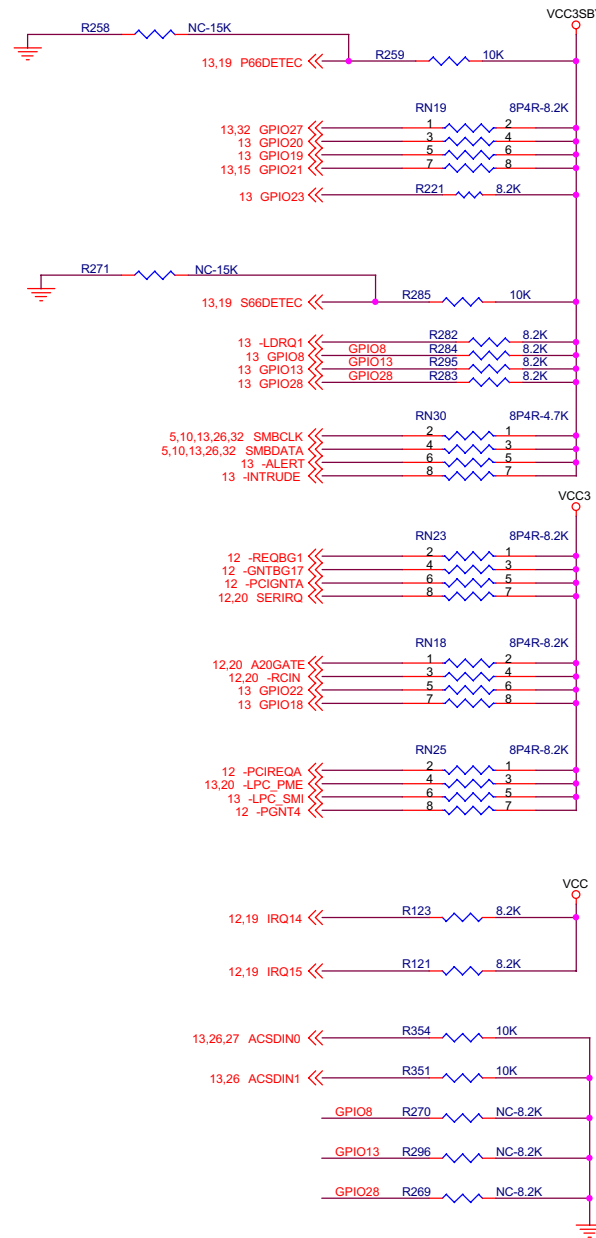
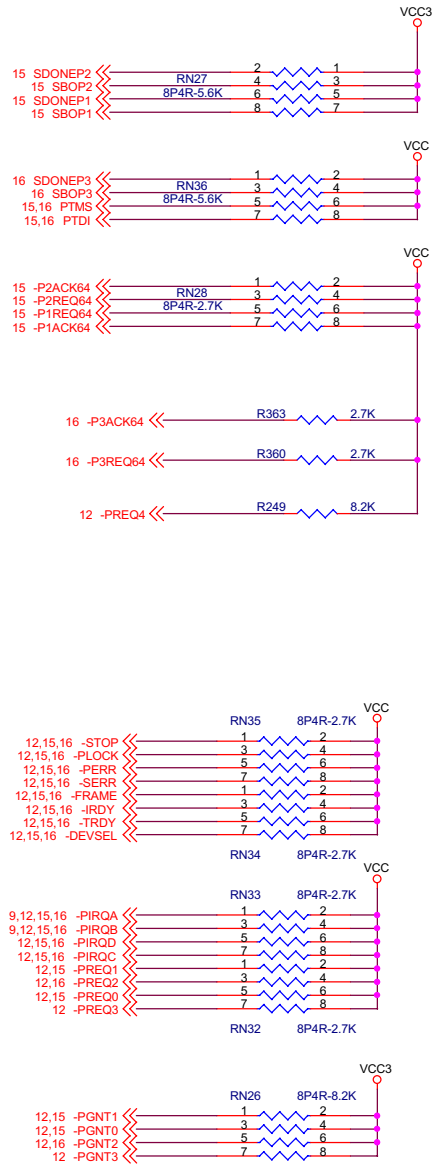
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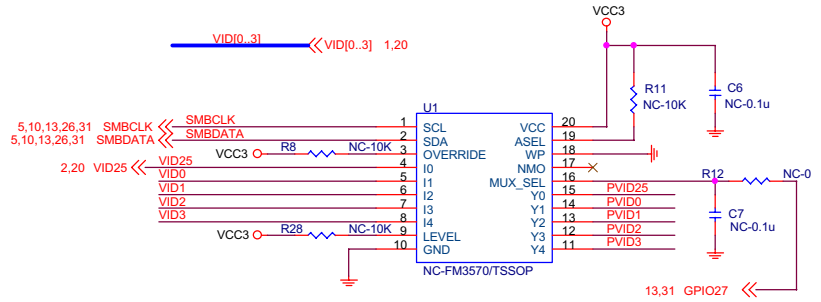
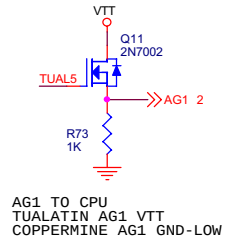
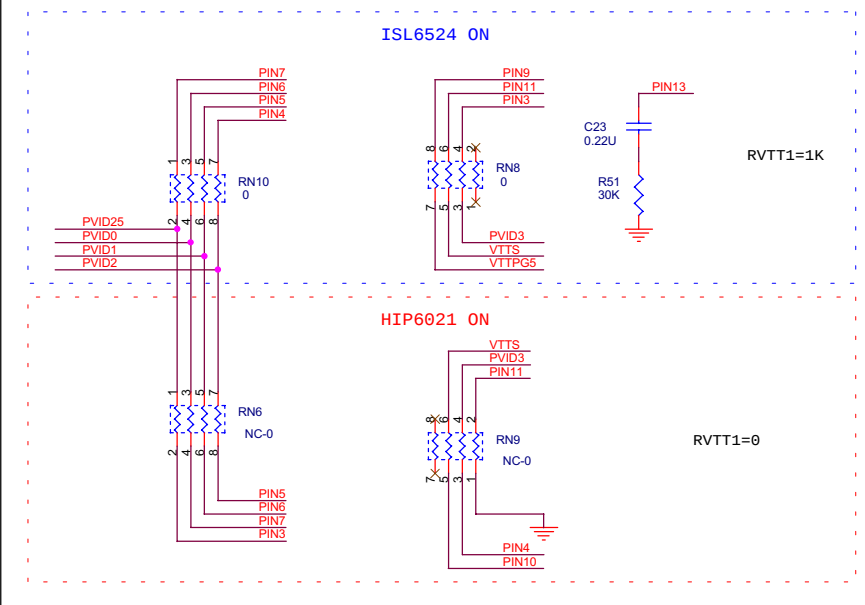
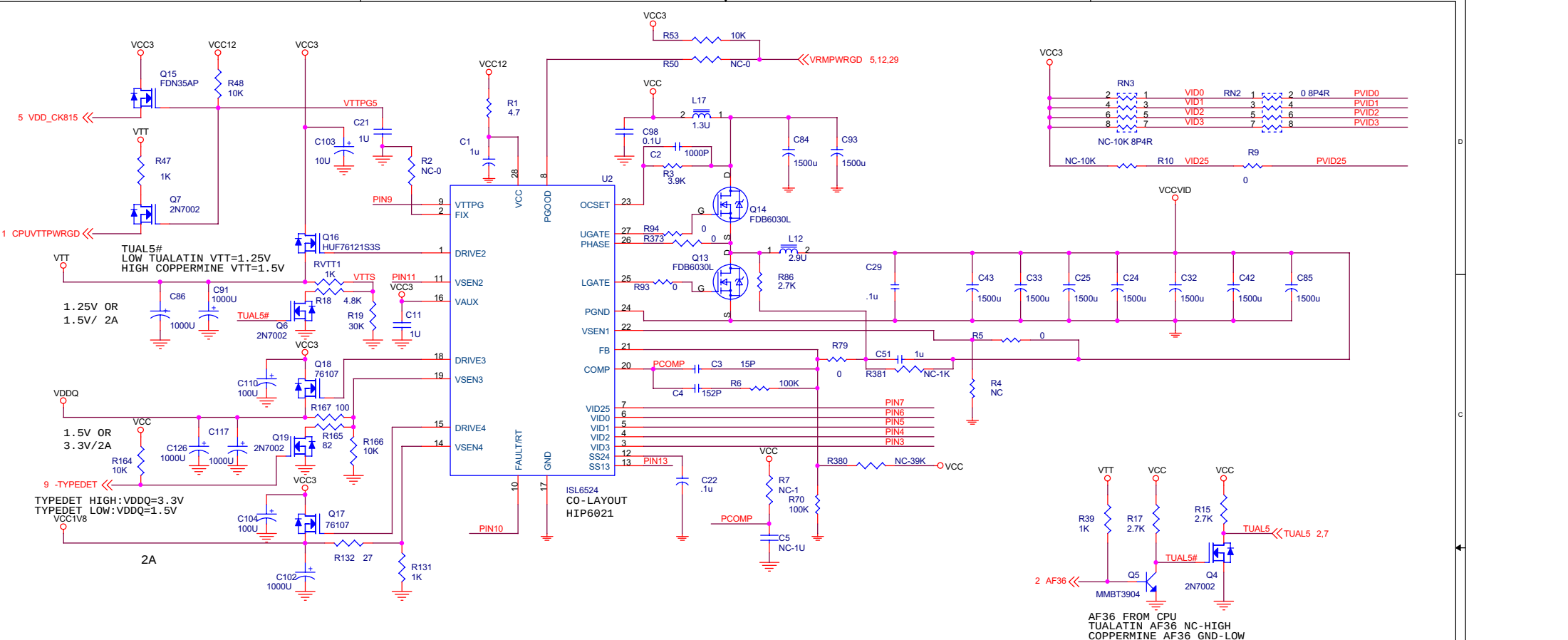
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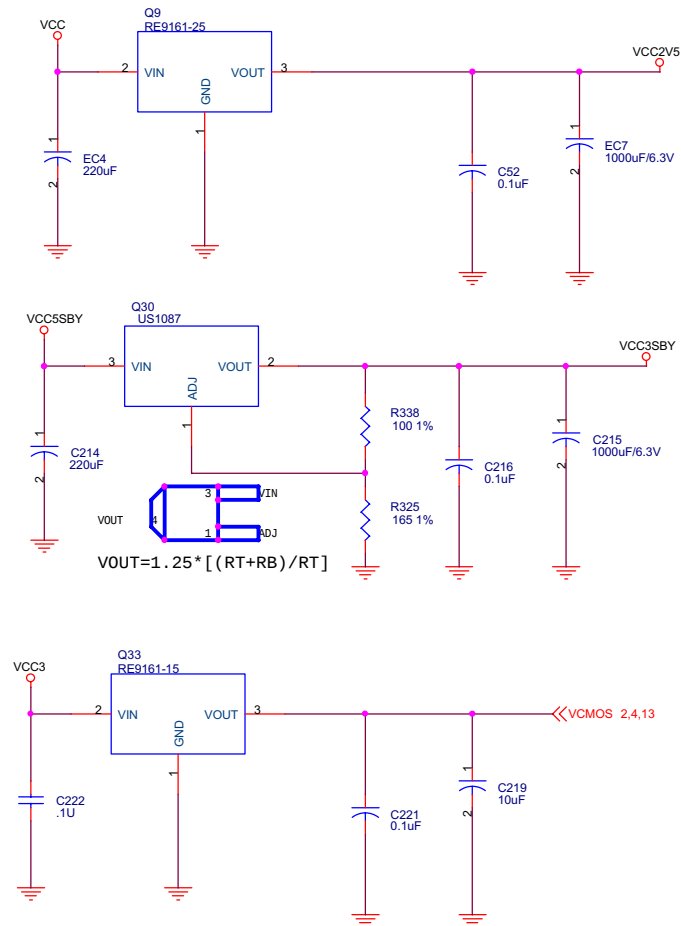
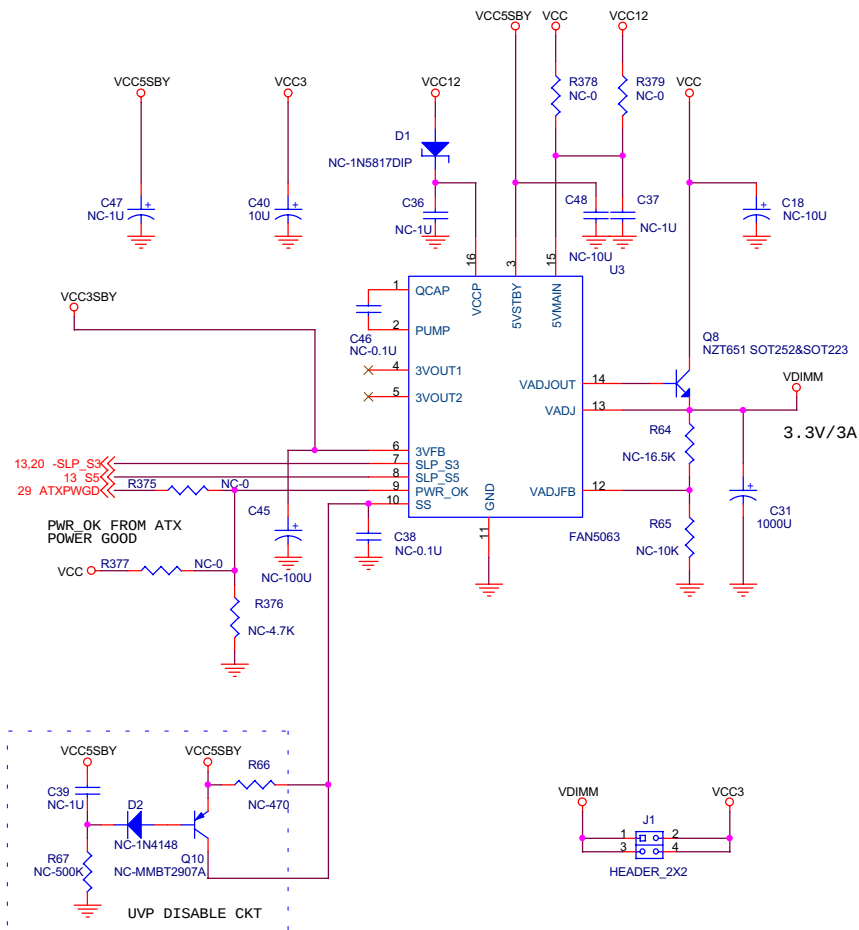
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