Altium.net

]

(

CLK

R5-2

U10-3

U11-3

U12-3

U13-3

U14-3

U15-3

U16-3

U17-3

U18-3

U19-3

U20-3

U7-3

U8-3

U9-3

)

(

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Allegro SCH.dat

NET\_NAME

'N24359382'

'@DIRECT\_RF\_SP-20220517\_1545.SCHEMATIC1(SCH\_1):N24359382':

C\_SIGNAL='@\direct\_rf\_sp-20220517\_1545\.schematic1(sch\_1):n24359382',

DIFFERENTIAL\_PAIR='RF\_IN\_DATA1';

NODE\_NAME C1994 2

'@DIRECT\_RF\_SP-20220517\_1545.SCHEMATIC1(SCH\_1):INS24359412@CAPACITOR.CAP NP.NORMAL(CHIPS)':

'2':;

NODE\_NAME R1184 1

'@DIRECT\_RF\_SP-20220517\_1545.SCHEMATIC1(SCH\_1):INS24359432@RESISTOR.RESISTOR\_0.NORMAL(CHIPS)':

'1':;

NODE\_NAME T12 2

'@DIRECT\_RF\_SP-20220517\_1545.SCHEMATIC1(SCH\_1):INS24359383@DIRECT\_RF\_SP-20220422.TRANSFORMER AIR CORE\_5.NORMAL(CHIPS)':

'2':;

\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*\*

Allegro PCB.xls

|  |  |
| --- | --- |
| **Design Name D:/PROJECTS/Visteon/WORK/20220131/Visteon\_PW24989/Visteon\_PW24989\_1.brd** | |
| **Date Thu Jul 21 14:30:34 2022** | |
| **Net List Report** | |
| **Net Name** | **Net Pins** |
| +1.2VSW | C028.1 C403.1 C415.1 C416.1 C417.1 C428.1 C429.1 R051.1 R061.1 TP041.1 U004.1 U401.18 U401.65 U401.66 U401.113 U401.114 U401.159 |
| +1.8V\_ENET\_VDDD | C707.1 C708.1 TP729.1 U700.16 |
| +3.3V | C010.1 C402.1 C409.1 C414.1 C419.1 C421.1 C422.1 C423.1 C425.1 C426.1 C427.1 R025.2 R052.1 R419.1 R422.1 TP028.1 U401.1 U401.16 U401.34 U401.45 U401.54 U401.61 U401.161 U402.B4 U402.D1 U402.E4 |
| +3.3VSW | C103.1 C104.1 C105.1 C106.POS C113.1 C116.1 C713.1 C714.1 C715.1 C716.1 C717.1 C719.1 C720.1 C721.1 C800.1 CR700.4 J801.6 J801.9 J803.AK3 J803.AL1 J803.AN1 J803.AP3 J803.AT3 J803.AU1 J803.AW1 J803.AW8 J803.AY3 J803.BA5 J803.BA7 J803.BA9 J803.BC4 J803.BC6 J803.BE7 L100.2 Q102.2 R105.2 R116.1 R117.1 R119.1 R130.1 R720.1 R721.1 R800.1 R2663.1 R2664.1 R2665.1 TP107.1 U100.22 U700.9 U800.5 |
| +3.3VSW\_EN | R114.1 TP116.1 U100.18 U401.155 |
| +3.3V\_EN | R028.1 TP030.1 U002.5 U401.106 |
| +3.3V\_ENET\_VDDD | C724.1 C725.1 C726.1 C731.1 R721.2 TP732.1 U700.7 U700.11 U700.14 U700.15 |
| +3.3V\_ENET\_VDDIO | C711.1 C712.1 R707.1 R720.2 TP730.1 U700.19 U700.27 U700.35 |
| +5VEE\_1 | C400.1 R400.1 R401.1 R499.1 TP461.1 U400.8 U401.148 |
| +5VKA | C007.1 C020.1 C021.1 C022.1 C031.1 C300.2 C401.1 C404.1 C405.1 C410.1 C411.1 C412.1 C420.1 C424.1 IC300.3 J802.5 R029.1 R038.1 R300.1 R408.1 R409.1 R410.1 R411.1 R450.1 TP026.1 TP043.1 TP077.1 U002.8 U003.5 U004.8 U401.68 U401.88 U401.102 U401.116 U401.118 U401.119 U401.123 U401.133 U401.143 U401.153 |
| +5VSW | D200.1 J803.J51 Q010.3 R041.1 R234.1 R250.1 R266.1 R516.1 R611.1 R612.1 TP045.1 |
| +5VSW\_EN | R043.2 TP050.1 U401.130 |
| +5VSW\_MON | C728.1 R041.2 TP049.1 U401.129 |
| +5V\_FILT\_1 | C511.POS Q501.1 Q501.4 R500.1 R503.1 R516.2 TP522.1 |
| +9.5VBOOST | C502.1 C509.1 Q504.2 R017.2 R510.1 R520.1 TP017.1 U500.8 |
| BATTERY | C013.1 D002.A D003.A D004.C D030.A J1.8 R030.1 TP029.1 TP071.1 |

Pads\_SCH.asc

\*NET\*

\*SIGNAL\* BAT\_SCL

J9.4 J10.2

\*SIGNAL\* $$$14924

R15.1 U4.3 Q3.5 R51.2 Q3.8

Q3.6 Q3.7 R53.1 L5.1 C18.1

C17.1 C20.1 D7.K

\*SIGNAL\* $$$14925

R15.2 U4.1 R16.1

\*SIGNAL\* $$$14926

R19.2 U4.4

\*SIGNAL\* GND

R16.2 C17.2 C18.2 R19.1 C21.1

U4.21 C22.2 U4.9 U4.13 R30.2

C23.2 R43.2 Q1.1 Q1.3 Q1.2

C27.1 C28.2 C30.2 C29.2 C32.2

Pads\_PCB.asc

\*ROUTE\*

\*REMARK\* \*SIGNAL\* SIGNAME SIGFLAG COLOR

\*REMARK\* REFNM.PIN .REUSE. INSTANCE RSIG REFNM.PIN .REUSE. INSTANCE RSIG

\*REMARK\* XLOC YLOC LAYER SEGMENTWIDTH FLAGS [ARCDIR/VIANAME] [TEARDROP [P WID LEN [FLAGS]] [N WID LEN [FLAGS]]] [JMPNM JMPFLAG] REUSE INST RSIG

\*SIGNAL\* CHASIS\_GND 1026 -2

C76.1 C71.1

83629500 48768000 3 1524000 1280 THERMAL TEARDROP N 100 100 L

86374500 48768000 3 1524000 1536

88762500 46380000 65 1524000 768 THERMAL TEARDROP P 100 100 L

C75.2 C76.1

81648000 55234500 3 1524000 1280 THERMAL TEARDROP N 100 100 L

80267230 53853730 3 1524000 256 THERMAL TEARDROP P 100 500 L N 100 500 L

80267230 52130270 3 1524000 1536

83629500 48768000 65 1524000 768 THERMAL TEARDROP P 100 100 L

C71.1 MH5.1

88762500 46380000 3 1524000 1280 THERMAL TEARDROP N 100 100 L

92818377 46380000 3 1524000 1536

96017340 43181037 3 1524000 1536

96017340 40819671 3 1524000 1536

101069240 35767771 3 1524000 1536

101069240 32459492 3 1524000 1536

114000000 19528732 3 1524000 1536

114000000 6000000 65 1524000 768 THERMAL TEARDROP P 12 10 L

C75.2 C70.2

81648000 55234500 3 1524000 1280 THERMAL TEARDROP N 100 100 L

90982500 55234500 65 1524000 768 THERMAL TEARDROP P 100 100 L

C75.2 MH4.1

81648000 55234500 4 1524000 1280 THERMAL TEARDROP N 100 200 L

75079314 61803186 4 1524000 1536

75079314 70330451 4 1524000 1536

71946221 73463544 4 1524000 1536

71946221 84990064 4 1524000 256 THERMAL TEARDROP P 100 500 L N 100 500 L

74432096 87475939 4 1524000 1536

110524061 87475939 4 1524000 1536

114000000 84000000 65 1524000 768 THERMAL TEARDROP P 12 10 L

MH4.1 MH1.1

114000000 84000000 1 1524000 1280 THERMAL TEARDROP N 12 10 L

119250000 78750000 1 1524000 1536

130725000 78750000 65 1524000 768 THERMAL TEARDROP P 12 10 L

MH5.1 MH6.1

114000000 6000000 3 1524000 1280 THERMAL TEARDROP N 12 10 L

110519450 2519450 3 1524000 1536

45506559 2519450 3 1524000 1536

41382541 6643468 3 1524000 1536

33058189 6643468 3 1524000 1536

28936267 2521546 3 1524000 1536

20039019 2521546 3 1524000 1536

16560565 6000000 3 1524000 1536

6000000 6000000 65 1524000 768 THERMAL TEARDROP P 12 10 L

MH5.1 MH2.1

114000000 6000000 1 1524000 1280 THERMAL TEARDROP N 12 10 L

118161777 10161777 1 1524000 1536

130725000 10161777 65 1524000 768 THERMAL TEARDROP P 12 10 L

\*SIGNAL\* CHASIS\_GND 1026 -2

MH6.1 MH3.1

6000000 6000000 3 952500 1280 THERMAL TEARDROP N 12 10 L

2203919 9796081 3 952500 1536

2203919 19278847 3 952500 256 THERMAL TEARDROP P 100 500 L N 100 500 L

4206558 21281486 3 952500 1536

4206558 23295574 3 1524000 256 THERMAL TEARDROP P 100 500 L N 100 500 L

4206558 76401665 3 1524000 1536

6000000 78195107 3 1524000 1536

6000000 84000000 65 1524000 768 THERMAL TEARDROP P 12 10 L

Xpedition Pcb.aug

%net

%Prior=1

%page=Schematic1

\$3N67568\ \J206\-\MTG2\ \J206\-\MTG3\ \J206\-\MTG4\ \J206\-\MTG5\

\$3N67571\ \P200\-\2\ \TP207\-\1\

\$3N67572\ \P200\-\4\ \TP208\-\1\

\$3N67573\ \P200\-\6\ \TP209\-\1\

\$3N67574\ \P200\-\8\ \TP210\-\1\

\$3N67575\ \P200\-\10\ \TP211\-\1\

\$3N67576\ \P200\-\12\ \TP212\-\1\

\$3N67577\ \P200\-\14\ \TP213\-\1\

\$3N67578\ \P200\-\16\ \TP214\-\1\

\$3N67579\ \P200\-\18\ \TP215\-\1\

\$3N67580\ \P200\-\20\ \TP216\-\1\

\$3N67581\ \P200\-\22\ \TP217\-\1\

\$3N67582\ \P200\-\24\ \TP218\-\1\

Dx designer SCH.frs

.ADD\_TER TP208 1 $3N67572

.TER P200 4

.ADD\_TER J206 10 $3N72370

.TER TP250 1

.ADD\_TER P200 8 $3N67574

.TER TP210 1

.ADD\_TER P200 21 $3N67584

.TER TP220 1

.ADD\_TER P300 54 AOUT1

.TER J400 54

.ADD\_TER P300 87 PRESS2\_EXC

.TER J400 87

.ADD\_TER P300 65 SM3\_A2

.TER J400 65

.ADD\_TER P239 2 ~ARC28V\_UV

.TER J400 74

P300 74

.ADD\_TER P200 23 $3N67583

.TER TP219 1

.ADD\_TER P300 63 HALL3\_RTN

.TER J400 63

.ADD\_TER J206 7 MAIN1\_DSPIC\_SCLK\_CON

.TER R400 1

P300 7

J400 7

Zuken\_SCH.Net

(net "+24V"

(node "Q3" "5")

(node "Q3" "6")

(node "D6" "1")

(node "Q4" "5")

(node "Q4" "6")

(node "C4" "1")

(node "C12" "1")

(node "Q7" "5")

Zuken\_PCB.frp

.ADD\_TER Q1 4 "N9398322"

.TER R2 2

R1 1

HTP28 1

.ADD\_TER R27 2 "N16860181"

.TER R36 1

HTP10 1

.ADD\_TER R6 1 "N9528637"

.TER U1 13

HTP57 1

.ADD\_TER J1 1 "DIRECTION"

.TER R21 1

R20 1

.ADD\_TER R18 1 "FEEDBACK"

.TER J1 2

.ADD\_TER R10 2 "N9398070"

.TER Q3 4

HTP25 1

R11 1