NET LIST REPORT -- HARMONICS ANALYSER-A.pcb -- Fri Jan 30 11:49:36 2015

\*SIG +3.3V

C101.1.U C102.1.U U17.10.U C52.1.U

C73.1.U J81.1.U C74.1.U J83.1.U

C77.1.U C78.1.U C79.1.U C85.1.U

R85.1.U R92.1.U C89.1.U R89.2.U

C96.2.U U17.62.U C99.1.U D1.1.U

D4.2.U D2.2.U J17.3.U D3.2.U

D5.2.U D6.2.U J14.10.S J94.4.U

J25.1.U R12.1.U J95.2.U U17.61.U

L13.1.U LCD1.14.U LCD1.28.U U13.8.U

R13.1.U R14.2.U U12.2.U R15.1.U

R23.1.U R25.2.U U1.26.U R93.1.U

U1.5.U U19.8.U U23.8.U

\*SIG /RD

LCD1.5.U U17.6.U

\*SIG /WR

LCD1.4.U U17.4.U

\*SIG 5V

C95.2.U C92.1.U J13.1.U U12.1.U

K1.5.U D12.1.U

\*SIG A0

LCD1.3.U U17.3.U

\*SIG AGND

C107.2.U C108.2.U C109.2.U C110.2.U

C87.2.U C55.2.U C53.2.U C56.1.U

C54.1.U R113.1.U C69.2.U C60.2.U

C58.2.U C61.1.U C59.1.U R58.2.U

R59.1.U C70.1.U C64.2.U R71.1.U

C65.1.U C66.2.U C67.1.U R78.1.U

C68.2.U R79.2.U C72.1.U C71.2.U

R80.1.U C75.2.U C76.2.U L17.1.U

C81.2.U C83.2.U C93.2.U C94.2.U

R90.1.U R107.1.U R51.2.U R52.1.U

R70.2.U TP9.1.U TP10.1.U TP7.1.U

TP6.1.U SW1.1.U TP8.1.U U1.25.U

SW1.2.U

\*SIG AVDD

R89.1.U J82.1.U C76.1.U C75.1.U

U1.24.U

\*SIG CF1

U17.71.U J5.3.U J1.1.U U1.33.U

D10.1.U J6.3.U

\*SIG CF2

U17.70.U J6.2.U J5.4.U D7.1.U

J3.1.U U1.34.U

\*SIG CF3

U17.69.U J6.1.U J5.5.U J4.1.U

D11.1.U U1.35.U

\*SIG CLKIN

U1.27.U R2.1.U Y1.1.U C30.2.U

\*SIG CLKOUT

U1.28.U R2.2.U Y1.2.U C29.2.U

\*SIG CS1

LCD1.1.U U17.1.U

\*SIG D0

LCD1.6.U U17.9.U

\*SIG D1

LCD1.7.U U17.12.U

\*SIG D2

LCD1.8.U U17.13.U

\*SIG D3

LCD1.9.U U17.14.U

\*SIG D4

LCD1.10.U U17.15.U

\*SIG D5

LCD1.11.U U17.16.U

\*SIG D6

LCD1.12.U U17.17.U

\*SIG D7

LCD1.13.U U17.18.U

\*SIG DGND

U17.11.U U17.27.U U17.59.U C100.2.U

C102.2.U C101.2.U C14.2.U J95.6.U

C106.2.U LCD1.15.U C15.2.U R97.2.U

C29.1.U C30.1.U C79.2.U C52.2.U

C73.2.U C77.2.U C74.2.U C78.2.U

L17.2.U U17.95.U C80.2.U C97.2.U

TS2.2.U C89.2.U C91.2.U U12.3.U

C92.2.U C95.1.U C96.1.U C98.2.U

C99.2.U BT3.2.U J13.2.U J13.3.U

J14.1.S J94.1.U J17.1.U R50.2.U

J92.1.U TS.2.U R16.2.U U19.5.U

R27.1.U U13.4.U LCD1.29.U R96.2.U

R95.2.U TS5.2.U TP1.1.U TP2.1.U

TP3.1.U TP4.1.U TP5.1.U U1.6.U

R1.2.U U23.5.U TS3.2.U TS4.2.U

Q1.E.U

\*SIG DIR

U19.2.U U19.3.U R1.1.U U17.64.U

\*SIG GND\_EARTH

U21.5.U C86.2.U U20.26.U U20.25.U

J91.1.U C88.2.U R88.2.U U20.18.U

U20.21.U C90.2.U U20.7.U

\*SIG IAN

R63.2.U C58.1.U J42.1.U U1.8.U

\*SIG IAN\_IN

J44.2.U L4.1.U

\*SIG IAP

R62.2.U C59.2.U J43.1.U U1.7.U

\*SIG IAP\_IN

J44.1.U L5.1.U

\*SIG IBN

C64.1.U R75.2.U J61.1.U U1.12.U

\*SIG IBN\_IN

L8.1.U J63.2.U

\*SIG IBP

R74.2.U C65.2.U J62.1.U U1.9.U

\*SIG IBP\_IN

L9.1.U J63.1.U

\*SIG ICN\_IN

L11.1.U J77.2.U

\*SIG ICP\_IN

J77.1.U L12.1.U

\*SIG INN

R56.2.U C53.1.U J33.1.U U1.16.U

\*SIG INN\_IN

L1.1.U J26.2.U

\*SIG INP

R55.2.U C54.2.U J34.1.U U1.15.U

\*SIG INP\_IN

L2.1.U J26.1.U

\*SIG LED1

R4.1.U U17.7.U

\*SIG LED2

R5.1.U U17.8.U

\*SIG LED3

R6.1.U U17.19.U

\*SIG LED4

R7.1.U U17.20.U

\*SIG LED5

R8.1.U U17.23.U

\*SIG MISO

U1.37.U J5.7.U U17.80.U J6.12.U

\*SIG MOSI

U1.38.U J5.8.U U17.79.U J6.11.U

\*SIG N273040

C72.2.U R82.2.U R83.1.U

\*SIG N273068

R80.2.U L12.2.U R82.1.U

\*SIG N273190

C70.2.U R83.2.U J76.1.U U1.13.U

\*SIG N273198

R79.1.U L11.2.U R81.1.U

\*SIG N273222

J75.1.U R84.2.U C69.1.U U1.14.U

\*SIG N273270

R81.2.U C71.1.U R84.1.U

\*SIG N279093

R54.2.U C56.2.U R55.1.U

\*SIG N279109

L2.2.U R52.2.U R54.1.U

\*SIG N279255

R51.1.U L1.2.U R53.1.U

\*SIG N279303

C55.1.U R53.2.U R56.1.U

\*SIG N287258

L5.2.U R59.2.U R61.1.U

\*SIG N287404

L4.2.U R58.1.U R60.1.U

\*SIG N287794

R60.2.U R63.1.U C60.1.U

\*SIG N294390

R73.2.U C67.2.U R74.1.U

\*SIG N294426

R71.2.U R73.1.U L9.2.U

\*SIG N294638

L8.2.U R70.1.U R72.1.U

\*SIG N744340

R61.2.U C61.2.U R62.1.U

\*SIG N1972534

U13.2.U U17.91.U

\*SIG N1972768

R12.2.U U13.7.U

\*SIG N1972846

U17.24.U BT3.1.U

\*SIG N1972862

J14.3.S TS3.3.U U17.93.U

\*SIG N1972904

J14.2.S TS2.3.U U17.94.U

\*SIG N1972968

C80.1.U Y2.1.U U17.26.U

\*SIG N1972976

C91.1.U Y2.2.U U17.25.U

\*SIG N1972980

C104.1.U U17.38.U

\*SIG N1973010

C100.1.U U17.60.U

\*SIG N1973076

J93.4.U U17.28.U

\*SIG N1973080

J93.3.U U17.29.U

\*SIG N1973084

J93.2.U U17.30.U

\*SIG N1973142

J85.2.S U17.33.U

\*SIG N1973174

J85.3.S U17.34.U

\*SIG N1973178

J85.4.S U17.35.U

\*SIG N1973182

J85.5.S U17.36.U

\*SIG N1973302

J90.5.S U17.39.U

\*SIG N1973516

J90.4.S U17.40.U

\*SIG N1973756

J90.3.S U17.42.U

\*SIG N1973796

J94.3.U U17.55.U

\*SIG N1974048

J92.3.U R26.1.U R25.1.U U19.6.U

\*SIG N1974056

J92.2.U R26.2.U R27.2.U U19.7.U

\*SIG N1974076

J90.2.S U17.43.U

\*SIG N1974594

J94.2.U U17.54.U

\*SIG N1974816

J91.2.U U20.15.U

\*SIG N1974820

J91.4.U C88.1.U R88.1.U U20.20.U

U20.19.U

\*SIG N1974874

R87.2.U U20.23.U

\*SIG N1974948

R86.2.U U20.22.U

\*SIG N1975258

J91.3.U U20.16.U

\*SIG N1975464

J14.4.S U17.83.U

\*SIG N1975484

U21.6.U U20.5.U

\*SIG N1975526

R92.2.U U21.2.U

\*SIG N1975792

U23.2.U R91.2.U

\*SIG N1975822

U23.3.U U20.1.U

\*SIG N1975934

U23.6.U U17.22.U

\*SIG N1976058

J14.9.S TS4.3.U U17.88.U

\*SIG N1976070

J14.6.S U17.85.U

\*SIG N1976362

U17.87.U J14.8.S TS5.3.U

\*SIG N1976684

J14.5.S U17.84.U

\*SIG N1976754

U17.21.U U21.3.U

\*SIG N1976886

U23.7.U R93.2.U

\*SIG N1976900

U17.89.U U13.1.U

\*SIG N1976940

C105.1.U U17.41.U

\*SIG N1976958

U17.90.U U13.6.U

\*SIG N1977152

J14.7.S U17.86.U

\*SIG N1977190

U17.92.U U13.5.U

\*SIG N1977194

R94.2.U U21.7.U

\*SIG N1977292

U13.3.U R13.2.U

\*SIG N1982647

D3.1.U R5.2.U

\*SIG N1982753

D2.1.U R4.2.U

\*SIG N1982757

D6.1.U R8.2.U

\*SIG N1982761

D5.1.U R7.2.U

\*SIG N1982765

D4.1.U R6.2.U

\*SIG N1982985

C16.2.U LCD1.18.U

\*SIG N1982993

C15.1.U LCD1.17.U

\*SIG N1982997

C14.1.U LCD1.16.U

\*SIG N1983001

LCD1.20.U C17.2.U

\*SIG N1983009

C16.1.U LCD1.19.U

\*SIG N1983017

C17.1.U LCD1.21.U

\*SIG N1983147

C18.1.U LCD1.22.U

\*SIG N1983151

C18.2.U C19.2.U C20.2.U C21.2.U

C22.2.U

\*SIG N1983167

C20.1.U LCD1.24.U

\*SIG N1983179

C19.1.U LCD1.23.U

\*SIG N1983183

C21.1.U LCD1.25.U

\*SIG N1983207

R14.1.U LCD1.30.U

\*SIG N1983211

C22.1.U LCD1.26.U

\*SIG N1983241

LCD1.27.U J2.2.U

\*SIG N1983309

R16.1.U J2.3.U

\*SIG N2275511

R72.2.U C66.1.U R75.1.U

\*SIG N2580186

R95.1.U D7.2.U

\*SIG N2586115

R96.1.U D10.2.U

\*SIG N2613784

R76.1.U R98.2.U

\*SIG N2618478

R98.1.U R77.2.U

\*SIG N2635561

R100.2.U R78.2.U L10.2.U

\*SIG N2636856

R99.1.U R76.2.U

\*SIG N2691596

R103.1.U R101.2.U

\*SIG N2691672

R105.1.U R106.2.U

\*SIG N2691700

R106.1.U R103.2.U

\*SIG N2721847

R108.1.U R102.2.U

\*SIG N2721891

L15.2.U R107.2.U R109.2.U

\*SIG N2721927

R110.1.U R111.2.U

\*SIG N2721955

R111.1.U R108.2.U

\*SIG N2759148

L16.2.U R113.2.U R115.2.U

\*SIG N2759210

R114.1.U R112.2.U

\*SIG N2759258

L16.1.U R116.2.U

\*SIG N2759290

R116.1.U R117.2.U

\*SIG N2759318

R117.1.U R114.2.U

\*SIG N3004104

R97.1.U D11.2.U

\*SIG N3274451

L10.1.U R99.2.U

\*SIG N3328925

L15.1.U R110.2.U

\*SIG N3437331

R50.1.U D1.2.U

\*SIG N19748480

R86.1.U D9.1.U

\*SIG N19749300

R87.1.U D8.1.U

\*SIG N19829790

R15.2.U J2.1.U

\*SIG N197275034

U17.37.U C103.2.U

\*SIG NC

U1.10.U U1.11.U U1.20.U U1.21.U

U1.30.U U1.31.U U1.40.U U1.1.U

\*SIG NMI\_B

U17.5.U J17.2.U

\*SIG PM0

J78.1.U U1.2.U U17.74.U J5.10.U

J6.6.U

\*SIG PM1

J79.1.U U1.3.U U17.75.U J5.11.U

J6.7.U

\*SIG REF

C83.1.U C81.1.U J98.1.U U1.17.U

\*SIG RES

LCD1.2.U U17.2.U

\*SIG RESETB

U1.4.U C85.2.U R85.2.U SW1.4.U

SW1.3.U

\*SIG RESET\_B

J95.4.U U17.56.U TS.3.U R23.2.U

C106.1.U

\*SIG RTC\_CLKOUT

J95.1.U U17.67.U

\*SIG SCK

U1.36.U J5.6.U U17.78.U J6.10.U

\*SIG SS\_B

J6.9.U U17.77.U J5.9.U U1.39.U

\*SIG SWD\_CLK

J95.3.U U17.66.U U19.4.U

\*SIG SWD\_IO

U19.1.U U17.65.U J95.5.U

\*SIG VAP

R109.1.U C108.1.U J49.1.U C107.1.U

U1.23.U

\*SIG VAP\_IN

R102.1.U J99.3.U

\*SIG VBP

R115.1.U C110.1.U C109.1.U J54.1.U

U1.22.U

\*SIG VBP\_IN

R112.1.U J99.2.U

\*SIG VCP

R100.1.U C68.1.U C87.1.U J68.1.U

U1.19.U

\*SIG VCP\_IN

R77.1.U J99.1.U

\*SIG VDDA

U17.32.U J90.1.S J93.1.U J90.9.S

J85.1.S J85.9.S

\*SIG VDD\_FT232

U20.4.U U21.8.U R91.1.U D9.2.U

U20.17.U D8.2.U C90.1.U R94.1.U

C86.1.U

\*SIG VN

U1.18.U J37.1.U C93.1.U C94.1.U

R9.2.U

\*SIG VN\_IN

R101.1.U J99.4.U

\*SIG VREF

J90.8.S J85.8.S C105.2.U

\*SIG VREFH

J90.6.S J85.6.S C103.1.U

\*SIG VREFL

J90.7.S J85.7.S C104.2.U

\*SIG ~IRQ0

U1.32.U J96.1.U J5.2.U U17.72.U

J6.4.U

\*SIG ~IRQ1

U1.29.U J89.1.U J5.1.U U17.73.U

J6.5.U

\*SIG $$$1

J7.1.U K1.1.U

\*SIG $$$2

J93.5.U U17.31.U L13.2.U C97.1.U

C98.1.U

\*SIG $$$3

J7.2.U K1.3.U

\*SIG $$$4

J7.3.U K1.4.U

\*SIG $$$5

K1.2.U D12.2.U Q1.C.U

\*SIG $$$6

R3.2.U Q1.B.U

\*SIG $$$7

R3.1.U U17.50.U

\*SIG $$$8

R105.2.U L14.1.U

\*SIG $$$9

R9.1.U R90.2.U L14.2.U