

Design Name E:/Madhu_CRL/Final_MVR_V2/PROCESSOR
CARD_v2/DESIGN_DATA/Board_file/Processor_Card_33_2.brd
Date Sat Oct 03 09:55:08 2020

Net Name	Pin Pair	Etch Length (mils)
12V_RX	J4.A5:J11.A5	1337.31
12V_RX	J11.A5:J3.A5	1337.33
12V_RX	J3.A5:J7.1	5220.34
12V_RX	J7.1:U35.1	4531.69
12V_RX	U35.1:U35.2	19.70
12V_RX	U35.2:U35.3	19.70
12V_RX	U35.3:C328.1	62.53
12V_RX	C328.1:R439.1	65.35
25_MHZ_CLK	Y6.3:R490.1	68.12
25_MHZ_CLK	R490.1:R489.1	55.00
25_MHZ_CLK	R489.1:R492.1	3084.80
28V	J9.40:J9.39	195.00
28V	J9.39:R150.2	1182.96
28V	J9.39:J7.8	2877.37
28V_EXT_SPKR	C107.1:C108.1	118.25
28V_EXT_SPKR	C108.1:U13.32	86.56
28V_EXT_SPKR	U13.32:U13.33	19.69
28V_EXT_SPKR	U13.32:U13.31	19.69
28V_EXT_SPKR	C108.1:R150.1	157.78
3V3_RX	J4.C16:J11.C16	1337.31
3V3_RX	J11.C16:J3.C16	1337.33
3V3_RX	J3.C16:J7.5	6310.97
5054SEQ2_EN	R451.2:R450.2	69.64
5054SEQ2_EN	R450.2:R458.1	94.87
5054SEQ3_EN	R447.2:R446.2	49.15
5054SEQ3_EN	R446.2:R455.1	67.09
5V	J3.A3:J3.A2	100.00
5V	J3.A2:J11.A2	1374.32
5V	J11.A2:J11.A3	175.10
5V	J11.A2:J4.A2	1374.30
5V	J4.A2:J4.A3	175.10
5V	J4.A2:U21.4	1205.93
5V	U21.4:U21.2	714497.08
5V	U21.2:U21.1	19.00
5V	U21.1:C206.1	61.00
5V	C206.1:C209.2	60.01
5V	C209.2:C208.1	90.25
5V	C209.2:U25.6	575.65
5V	U25.6:C227.1	47.15
5V	U21.1:C207.1	70.56
5V	J3.A2:J9.24	1688.02
5V	J9.24:J9.26	270.90
5V	J9.26:J7.4	3225.43

5V	J7.4:J7.3	164.96
5V	J7.3:C332.1	1459.13
5V	C332.1:C335.1	75.91
5V	C332.1:C333.1	150.27
5V	C333.1:C334.1	123.66
5V	C333.1:U36.37	93.60
5V	U36.37:U36.38	19.69
5V	U36.38:U36.23	421.51
5V	U36.23:U36.22	19.68
5V	U36.22:U36.7	483.11
5V	U36.7:U36.6	90.55
5V	U36.23:U36.24	19.69
5V	U36.24:C237.1	120.94
5V	C237.1:C240.1	35.00
5V	C240.1:C243.1	35.00
5V	C243.1:C234.1	38.60
5V	C234.1:C246.1	182.39
5V	C246.1:U11.D1	820.74
5V	U11.D1:U11.6	38.92
5V	C246.1:R464.2	3246.93
5V	U36.37:U36.36	41.76
5V_DAC	U35.10:U35.11	19.70
5V_DAC	U35.11:U35.12	19.70
5V_DAC	U35.11:C329.1	60.76
5V_DAC	C329.1:C331.1	35.49
5V_DAC	C331.1:R463.2	46.83
ADSP_JTAG_EMU	U16.C10:J12.2	6342.90
ADSP_JTAG_TCK	U16.C7:J12.8	5725.97
ADSP_JTAG_TDI	U16.C8:J12.12	5806.92
ADSP_JTAG_TDO	U16.C11:J12.14	5601.59
ADSP_JTAG_TMS	U16.B4:J12.6	5817.80
ADSP_JTAG_TRST	J12.10:R245.1	64.98
ADSP_JTAG_TRST	R245.1:U16.B12	5610.00
AM/FM SELECTION	J5.3:U33.45	2264.62
AM335X_EXTINTN	U1.B18:R295.2	2462.45
AM335X_EXTINTN	R295.2:R366.2	2857.27
AM335X_EXTINTN	R366.2:R334.1	64.51
AM335X_EXT_WAKEUP	U1.C5:R275.2	3493.98
AM335X_EXT_WAKEUP	R275.2:R343.2	2819.12
AM335X_GMII1_RXCLK	U26.32:R340.2	144.72
AM335X_GMII1_RXCLK	R340.2:U1.L18	4325.74
AM335X_GMII1_RXD0	R354.2:U26.33	87.21
AM335X_GMII1_RXD0	U26.33:R325.1	150.17
AM335X_GMII1_RXD0	R325.1:R326.1	80.66
AM335X_GMII1_RXD0	R326.1:U1.M16	4221.50
AM335X_GMII1_RXD1	R356.2:U26.34	101.90
AM335X_GMII1_RXD1		

	U26.34:U1.L15	4355.55
AM335X_GMII1_RXD2	U26.35:R332.1	155.83
AM335X_GMII1_RXD2	R332.1:R331.1	71.90
AM335X_GMII1_RXD2	R332.1:R339.2	3853.04
AM335X_GMII1_RXD2	R339.2:U1.L16	465.87
AM335X_GMII1_RXD3	U26.36:R341.2	4015.86
AM335X_GMII1_RXD3	R341.2:U1.L17	452.16
AM335X_GMII1_RXDV	U1.J17:R328.1	4177.70
AM335X_GMII1_RXDV	R328.1:R338.2	49.16
AM335X_GMII1_RXDV	R338.2:U26.38	175.15
AM335X_GMII1_RXDV	R328.1:R327.2	76.11
AM335X_GMII1_TXCLK	R346.1:U1.K18	4334.41
AM335X_GMII1_TXD0	R348.1:U1.K17	4367.15
AM335X_GMII1_TXD1	R349.1:U1.K16	4340.20
AM335X_GMII1_TXD2	R350.1:U1.K15	4334.71
AM335X_GMII1_TXD3	R351.1:U1.J18	4335.08
AM335X_GMII1_TXEN	U1.J16:R347.1	4374.82
AM335X_MMC_CLK	R10.2:J2.5	3217.97
AM335X_MMC_CMD	U1.G18:R52.2	3623.64
AM335X_MMC_CMD	R52.2:J2.3	287.66
AM335X_MMC_D0	U1.G16:R51.2	3616.89
AM335X_MMC_D0	R51.2:J2.7	177.34
AM335X_MMC_D1	U1.G15:R50.2	3684.62
AM335X_MMC_D1	R50.2:J2.8	205.46
AM335X_MMC_D2	U1.F18:R54.2	3721.74
AM335X_MMC_D2	R54.2:J2.1	397.06
AM335X_MMC_D3	U1.F17:R53.2	3690.40
AM335X_MMC_D3	R53.2:J2.2	352.47
AM335X_UART0_RXD	U1.E15:U3.12	1338.56
AM335X_UART0_TXD	U1.E16:U3.11	1768.33
AM335X_USB0_CE	TP3.1:U1.M15	1321.10
AM335X_USB0_DRVVBUS	U7.4:R60.1	76.43
AM335X_USB0_DRVVBUS	R60.1:U1.F16	3262.98
AM335X_USB0_VBUS	U1.P15:D2.1	788.52
AM335X_USB0_VBUS	D2.1:R41.2	60.72
AM335X_USB1_CE	TP4.1:U1.P18	487.58
AM335X_USB1_DRVVBUS	U5.4:R58.1	93.79
AM335X_USB1_DRVVBUS	R58.1:U1.F15	3957.57
AM335X_USB1_VBUS	U1.T18:R42.2	635.13
AM335X_USB1_VBUS	R42.2:D1.1	64.14
ARMCLK	R4.1:U40.2	2162.79
ARMRESET	R23.1:U40.19	1413.93
AUDIOIN_CODEC_DSC	R173.2:U15.7	299.59
AUX_PIC_UART4_RX	U3.8:J10.3	4294.80
AUX_PIC_UART4_TX	U3.7:J10.5	4230.78
AUX_PRO_UART_RX	U3.13:J10.10	4292.94
AUX_PRO_UART_TX		

	U3.14:J10.8	4390.44
AUX_UART_RX_RX1	U9.4:J10.23	1399.66
AUX_UART_RX_RX2	U9.5:J10.22	1771.67
AUX_UART_RX_RX3	U9.6:J10.21	1485.89
AUX_UART_TX_RX1	U9.9:J10.18	1581.77
AUX_UART_TX_RX2	U9.10:J10.19	1732.28
AUX_UART_TX_RX3	U9.11:J10.20	1529.24
AVDD1V8	FL2.3:C343.1	126.96
AVDD1V8	C343.1:C341.1	55.10
AVDD1V8	C341.1:R193.1	57.42
AVDD3V3	C344.1:C345.1	51.70
AVDD3V3	C345.1:FL3.3	138.46
AVDD3V3	FL3.3:R194.1	152.68
AVDD3V3	R194.1:R430.1	1870.34
AVDD3V3_PIC	U33.41:C306.1	201.45
AVDD3V3_PIC	C306.1:C304.1	35.00
AVDD3V3_PIC	C304.1:C309.1	35.00
AVDD3V3_PIC	C309.1:R430.2	127.14
AVDD5V	C358.1:C354.1	57.31
AVDD5V	C354.1:FL4.3	91.61
AVDD5V	FL4.3:U34.9	254.57
AVDD5V	U34.9:U34.11	157.16
AVDD_1V8_CODEC	U15.6:C139.1	78.85
AVDD_1V8_CODEC	C139.1:C140.1	52.92
AVDD_1V8_CODEC	C140.1:R193.2	150.19
BB_PA_BITE_CLK	J5.5:U33.51	2324.55
BB_PA_BITE_DATA	U33.48:J5.12	1726.65
BB_PA_BITE_SHIFT_LD	J5.10:U33.50	1594.39
BB_PA_PTT	J5.9:U33.69	2360.50
BB_PA_RESET	J5.1:U33.46	2012.25
BB_PA_RFPOWER_SET	J5.20:U34.12	648.75
BB_PA_VSWR_REF	J5.19:U34.10	706.82
BOOT_CFG0	U16.B3:R215.1	149.85
BOOT_CFG0	R215.1:R214.2	59.17
BOOT_CFG1	U16.F3:R228.2	189.42
BOOT_CFG1	R228.2:R229.1	61.43
BOOT_CFG2	U16.H12:R237.1	375.38
BOOT_CFG2	R237.1:R236.2	80.03
BRDRESET	R481.2:U39.2	93.28
BRDRESET	U39.2:U38.4	309.73
BRDRESET	U38.4:U40.11	2080.82
CAP_VBB_MPU	C57.1:U1.C10	174.72
CAP_VDD_SRAM_CORE	C54.1:U1.D9	383.09
CAP_VDD_SRAM_MPU	C56.1:U1.D11	232.07
CFG12	U36.18:R444.2	99.42
CFG12	R444.2:R445.2	49.33
CFG24		

	U36.13:R448.2	128.78
CFG34	R448.2:R449.2	50.50
CLK	U40.10:Y5.3	123.79
CLK_CFG0	U16.D4:R196.1	306.20
CLK_CFG0	R196.1:R195.2	48.00
CLK_CFG1	U16.B2:R197.2	222.94
CLK_CFG1	R197.2:R198.1	50.00
CLOCK_PRO_CODEC	R61.2:U4.3	2334.98
CODECCLK	J9.27:U40.3	2582.62
CODECCLK	U40.3:U15.14	5666.05
CODEC_INTERRUPT	J9.35:R189.2	8533.67
CODEC_INTERRUPT	R189.2:U15.19	515.30
CODEC_INTERRUPT	U15.19:U33.23	1113.68
CODEC_SCL	U1.D17:R38.2	544.59
CODEC_SCL	R38.2:J9.8	4955.75
CODEC_SDA	U1.D18:J9.9	4773.22
CODEC_SDA	U1.D18:R37.2	249.58
CS_FLASH_DSP	U16.K3:U17.7	624.03
CTOUCH_INT#	R25.1:J9.29	128.37
CTOUCH_RST#	R24.1:J9.25	128.28
DDR_A0	U1.F3:U32.K3	1058.39
DDR_A0	U32.K3:U31.K3	764.54
DDR_A0	U31.K3:R399.1	232.46
DDR_A1	U1.H1:U32.L7	1016.45
DDR_A1	U32.L7:U31.L7	675.49
DDR_A1	U31.L7:R400.1	267.65
DDR_A2	U1.E4:U32.L3	1055.56
DDR_A2	U32.L3:U31.L3	762.89
DDR_A2	U31.L3:R401.1	187.84
DDR_A3	U1.C3:U32.K2	1022.34
DDR_A3	U32.K2:U31.K2	760.68
DDR_A3	U31.K2:R402.1	256.09
DDR_A4	U1.C2:U32.L8	1006.46
DDR_A4	U32.L8:U31.L8	655.40
DDR_A4	U31.L8:R403.1	236.21
DDR_A5	U1.B1:U32.L2	1020.75
DDR_A5	U32.L2:U31.L2	761.40
DDR_A5	U31.L2:R404.1	231.60
DDR_A6	U1.D5:U32.M8	1042.46
DDR_A6	U32.M8:U31.M8	655.62
DDR_A6	U31.M8:R405.1	214.03
DDR_A7	U1.E2:U32.M2	1083.01
DDR_A7	U32.M2:R406.1	947.83
DDR_A7	R406.1:U31.M2	227.38
DDR_A8	U1.D4:U32.N8	1039.27
DDR_A8	U32.N8:U31.N8	681.38
DDR_A9		

	U31.N8:R407.1	222.40
DDR_A9	U1.C1:U32.M3	1027.44
DDR_A9	U32.M3:U31.M3	768.37
DDR_A9	U31.M3:R408.1	163.53
DDR_A10	U1.F4:U32.H7	1017.52
DDR_A10	U32.H7:U31.H7	657.52
DDR_A10	U31.H7:R409.1	326.46
DDR_A11	U1.F2:U32.M7	1075.12
DDR_A11	U32.M7:U31.M7	678.42
DDR_A11	U31.M7:R410.1	239.20
DDR_A12	U1.E3:U32.K7	1077.56
DDR_A12	U32.K7:U31.K7	682.24
DDR_A12	U31.K7:R411.1	358.50
DDR_A13	U1.H3:U32.N3	1056.07
DDR_A13	U32.N3:U31.N3	767.96
DDR_A13	U31.N3:R412.1	138.10
DDR_A14	U1.H4:U32.N7	1043.75
DDR_A14	U32.N7:U31.N7	682.60
DDR_A14	U31.N7:R413.1	205.86
DDR_A15	U1.D3:U32.J7	944.90
DDR_A15	U32.J7:U31.J7	675.33
DDR_A15	U31.J7:R414.1	282.87
DDR_BA0	U1.C4:U32.J2	1025.40
DDR_BA0	U32.J2:U31.J2	765.64
DDR_BA0	U31.J2:R417.1	285.23
DDR_BA1	U1.E1:U32.K8	1022.32
DDR_BA1	U32.K8:U31.K8	667.31
DDR_BA1	U31.K8:R418.1	381.26
DDR_BA2	U1.B3:U32.J3	1039.43
DDR_BA2	U32.J3:U31.J3	746.67
DDR_BA2	U31.J3:R415.1	280.85
DDR_CASN	U1.F1:U32.G3	1057.30
DDR_CASN	U32.G3:U31.G3	739.24
DDR_CASN	U31.G3:R397.1	406.34
DDR_CKE	U1.G3:U32.G9	1070.42
DDR_CKE	U32.G9:U31.G9	744.53
DDR_CKE	U31.G9:R392.2	2033.80
DDR_CLK	U1.D2:U32.F7	1019.59
DDR_CLK	U32.F7:U31.F7	680.89
DDR_CLK	U31.F7:R393.1	534.03
DDR_CLKN	U1.D1:U32.G7	1016.37
DDR_CLKN	U32.G7:U31.G7	682.95
DDR_CLKN	U31.G7:R394.1	531.95
DDR_CSN	U1.H2:U32.H2	1054.58
DDR_CSN	U32.H2:U31.H2	753.27
DDR_CSN	U31.H2:R395.1	423.25
DDR_D0		

	U31.B3:U1.M3	1286.95
DDR_D1	U31.C7:U1.M4	1287.53
DDR_D2	U31.C2:U1.N1	1293.42
DDR_D3	U31.C8:U1.N2	1297.27
DDR_D4	U31.E3:U1.N3	1305.27
DDR_D5	U31.E8:U1.N4	1291.07
DDR_D6	U31.D2:U1.P3	1286.48
DDR_D7	U31.E7:U1.P4	1290.20
DDR_D8	U32.B3:U1.J1	805.05
DDR_D9	U1.K1:U32.C7	805.63
DDR_D10	U1.K2:U32.C2	799.57
DDR_D11	U32.C8:U1.K3	808.09
DDR_D12	U32.E3:U1.K4	810.66
DDR_D13	U1.L3:U32.E8	810.66
DDR_D14	U1.L4:U32.D2	798.83
DDR_D15	U1.M1:U32.E7	803.40
DDR_DQM0	U1.M2:U31.B7	1298.14
DDR_DQM1	U1.J2:U32.B7	804.70
DDR_DQS0	U31.C3:U1.P1	1296.19
DDR_DQS1	U1.L1:U32.C3	799.27
DDR_DQSN0	U31.D3:U1.P2	1300.51
DDR_DQSN1	U1.L2:U32.D3	799.33
DDR_ODT	U1.G1:U32.G1	1057.52
DDR_ODT	U32.G1:U31.G1	750.31
DDR_ODT	U31.G1:R416.1	486.26
DDR_RASN	U1.G4:U32.F3	1058.97
DDR_RASN	U32.F3:U31.F3	756.83
DDR_RASN	U31.F3:R396.1	372.36
DDR_RESETN	U1.G2:U32.N2	1072.05
DDR_RESETN	U32.N2:U31.N2	747.95
DDR_RESETN	U31.N2:R427.1	125.44
DDR_RESETN	R427.1:TP2.1	2618.60
DDR_VREF	C297.1:U32.E1	50.29
DDR_VREF	U32.E1:C295.1	422.94
DDR_VREF	C295.1:U32.J8	125.82
DDR_VREF	U32.J8:C284.1	422.19
DDR_VREF	C284.1:U31.E1	131.02
DDR_VREF	U31.E1:C288.1	504.50
DDR_VREF	C288.1:U31.J8	207.39
DDR_VREF	U31.J8:U30.6	1250.79
DDR_VREF	U30.6:C276.1	63.54
DDR_VREF	U32.J8:R7.2	900.75
DDR_VREF	R7.2:R6.2	50.00
DDR_VREF	R6.2:U1.J4	224.64
DDR_WEN	U1.B2:U32.H3	963.11
DDR_WEN	U32.H3:U31.H3	744.47
DDR_WEN		

	U31.H3:R398.1	332.75
DISPLAY_DATA0	U1.R1:J8.1	9681.23
DISPLAY_DATA0	U1.R1:R81.2	973.34
DISPLAY_DATA1	U1.R2:J8.2	9673.72
DISPLAY_DATA1	U1.R2:R80.2	1142.80
DISPLAY_DATA2	U1.R3:J8.3	9720.32
DISPLAY_DATA2	U1.R3:R78.2	1247.65
DISPLAY_DATA3	U1.R4:J8.4	9677.29
DISPLAY_DATA3	U1.R4:R79.2	1448.63
DISPLAY_DATA4	U1.T1:J8.5	9679.66
DISPLAY_DATA4	U1.T1:R122.1	1529.35
DISPLAY_DATA5	U1.T2:J8.6	9684.07
DISPLAY_DATA5	U1.T2:R123.1	1628.41
DISPLAY_DATA6	U1.T3:J8.7	9711.86
DISPLAY_DATA6	U1.T3:R124.1	1746.36
DISPLAY_DATA7	U1.T4:J8.8	9672.91
DISPLAY_DATA7	U1.T4:R125.1	1797.59
DISPLAY_DATA8	U1.U1:R77.2	1078.96
DISPLAY_DATA8	R77.2:J8.9	8663.18
DISPLAY_DATA9	U1.U2:R76.2	1180.62
DISPLAY_DATA9	R76.2:J8.10	8554.23
DISPLAY_DATA10	U1.U3:R75.2	1415.51
DISPLAY_DATA10	R75.2:J8.11	8338.46
DISPLAY_DATA11	U1.U4:R74.2	1764.04
DISPLAY_DATA11	R74.2:J8.12	7957.19
DISPLAY_DATA12	U1.V2:R118.1	1277.56
DISPLAY_DATA12	R118.1:J8.13	8431.96
DISPLAY_DATA13	U1.V3:R119.1	1486.05
DISPLAY_DATA13	R119.1:J8.14	8252.42
DISPLAY_DATA14	U1.V4:R120.1	1609.82
DISPLAY_DATA14	R120.1:J8.15	8100.47
DISPLAY_DATA15	U1.T5:R121.1	1948.27
DISPLAY_DATA15	R121.1:J8.40	7765.14
DISPLAY_DATA16	U1.U13:J8.39	9747.35
DISPLAY_DATA17	U1.V13:J8.38	9756.58
DISPLAY_DATA18	U1.R12:J8.37	9724.74
DISPLAY_DATA19	U1.T12:J8.36	9743.92
DISPLAY_DATA20	U1.U12:J8.35	9731.27
DISPLAY_DATA21	U1.T11:J8.34	9710.24
DISPLAY_DATA22	U1.T10:J8.33	9736.49
DISPLAY_DATA23	U1.U10:J8.32	9757.86
DISPLAY_DATA_EN	U1.R6:J8.31	9722.71
DISPLAY_HSYNC	U1.R5:J8.28	9709.72
DISPLAY_PCLK	U1.V5:J8.30	9756.80
DISPLAY_VSYNC	U1.U5:J8.29	9711.51
DISTRESS_INTERRUPT	U1.D14:C5.1	202.23
DISTRESS_INTERRUPT		

	C5.1:J9.10	4363.14
DISTRESS_INTERRUPT	J9.10:R11.1	148.27
DL1	U36.31:U37.4	567.90
DL1	U37.4:R476.1	99.96
DL2	U36.29:U37.2	525.92
DL2	U37.2:R474.1	89.10
DSC_INT_DSC_PIC	R167.1:U33.24	2792.03
DSPCLK	U40.6:U16.F1	535.75
DSPRESET	U40.18:R199.1	901.69
DSPRESET	R199.1:TP31.1	119.42
DSP_PIC_INT0	R201.1:U33.104	4579.48
DSP_PRO_INT1	U1.V6:R203.1	2992.39
DSP_RESETOUT	R223.2:U33.1	4123.88
DSP_RX1_INT3	R207.1:J3.C7	2256.90
DSP_RX2_INT2	R205.1:J11.C7	2072.77
EMMC_CLK	R20.2:U19.M6	395.92
EMMC_CMD	U1.V9:R258.2	548.08
EMMC_CMD	R258.2:U19.M5	285.60
EMMC_DATA0	U1.U7:R254.2	1079.65
EMMC_DATA0	R254.2:U19.A3	259.45
EMMC_DATA1	U1.V7:R255.2	1005.46
EMMC_DATA1	R255.2:U19.A4	308.97
EMMC_DATA2	U1.R8:R256.2	964.58
EMMC_DATA2	R256.2:U19.A5	361.31
EMMC_DATA3	U1.T8:R249.2	1027.93
EMMC_DATA3	R249.2:U19.B2	281.13
EMMC_DATA4	U1.U8:R250.2	1066.33
EMMC_DATA4	R250.2:U19.B3	287.35
EMMC_DATA5	U1.V8:R251.2	1039.47
EMMC_DATA5	R251.2:U19.B4	296.60
EMMC_DATA6	U1.R9:R252.2	949.96
EMMC_DATA6	R252.2:U19.B5	360.24
EMMC_DATA7	U1.T9:R253.2	844.79
EMMC_DATA7	R253.2:U19.B6	470.84
EMMC_RST	R259.2:U19.K5	279.75
EMMC_RST	U19.K5:R28.2	849.51
ENZ_KALDO_1P8V	R134.2:U1.B4	191.52
ETH1_RBIAS_AUX	R276.2:U22.12	108.02
ETH2_RBIAS	R344.2:U26.12	74.05
ETHER2_D0N_MAIN	U27.2:U26.11	436.97
ETHER2_D0P_MAIN	U27.3:U26.10	436.69
ETHER2_D1N_MAIN	U26.8:U27.5	416.18
ETHER2_D1P_MAIN	U26.7:U27.6	415.73
ETHER2_D2N_MAIN	U27.8:U26.5	414.07
ETHER2_D2P_MAIN	U27.9:U26.4	413.71
ETHER2_D3N_MAIN	U26.2:U27.11	430.15
ETHER2_D3P_MAIN		

	U26.1:U27.12	430.14
ETHER2_MAIN_D0N	J13.2:U27.23	1063.75
ETHER2_MAIN_D0P	J13.1:U27.22	1083.03
ETHER2_MAIN_D1N	J13.4:U27.20	843.80
ETHER2_MAIN_D1P	J13.3:U27.19	858.67
ETHER2_MAIN_D2N	J13.6:U27.17	691.41
ETHER2_MAIN_D2P	J13.5:U27.16	686.57
ETHER2_MAIN_D3N	J13.8:U27.14	516.22
ETHER2_MAIN_D3P	J13.7:U27.13	513.23
ETHER_AUX_D0N	U20.14:J10.9	1364.36
ETHER_AUX_D0P	U20.13:J10.7	1385.28
ETHER_AUX_D1N	U20.17:J10.32	1207.61
ETHER_AUX_D1P	U20.16:J10.34	1203.34
ETHER_AUX_D2N	U20.20:J10.33	1767.52
ETHER_AUX_D2P	U20.19:J10.31	1709.05
ETHER_AUX_D3N	U20.23:J10.37	2160.44
ETHER_AUX_D3P	U20.22:J10.35	2156.08
ETHER_D0N_AUX	U20.11:U24.2	248.62
ETHER_D0N_AUX	U24.2:U22.2	538.02
ETHER_D0P_AUX	U20.12:U24.1	248.86
ETHER_D0P_AUX	U24.1:U22.1	538.19
ETHER_D1N_AUX	U20.8:U24.5	244.67
ETHER_D1N_AUX	U24.5:U22.5	522.01
ETHER_D1P_AUX	U20.9:U24.4	242.26
ETHER_D1P_AUX	U24.4:U22.4	519.04
ETHER_D2N_AUX	U20.5:U23.2	239.58
ETHER_D2N_AUX	U23.2:U22.8	496.87
ETHER_D2P_AUX	U20.6:U23.1	237.77
ETHER_D2P_AUX	U23.1:U22.7	495.84
ETHER_D3N_AUX	U20.2:U23.5	255.99
ETHER_D3N_AUX	U23.5:U22.11	524.25
ETHER_D3P_AUX	U20.3:U23.4	255.53
ETHER_D3P_AUX	U23.4:U22.10	523.79
ETH_RESETN_AUX	R333.1:C248.2	159.70
ETH_RESETN_AUX	C248.2:U26.43	296.74
ETH_RESETN_AUX	U26.43:R318.1	2483.60
ETH_RESETN_AUX	R318.1:R294.2	45.00
ETH_RESETN_AUX	R318.1:R311.1	254.81
ETH_RESETN_AUX	R318.1:R316.2	67.41
EXT_AMP_SPKN	R156.1:L3.1	200.59
EXT_AMP_SPKN_FIL	J10.13:J10.12	499.59
EXT_AMP_SPKN_FIL	J10.12:L3.2	5167.64
EXT_AMP_SPKN_FIL	L3.2:C113.1	179.81
EXT_AMP_SPKN_FIL	C113.1:C110.1	87.34
EXT_AMP_SPKN_FIL	C110.1:C112.1	72.79
EXT_AMP_SPKP	R155.1:L4.2	209.99
EXT_AMP_SPKP_FIL		

	J10.15:J10.14	492.28
EXT_AMP_SPKP_FIL	J10.14:C111.1	5231.57
EXT_AMP_SPKP_FIL	C111.1:C110.2	72.13
EXT_AMP_SPKP_FIL	C110.2:C114.1	86.82
EXT_AMP_SPKP_FIL	C114.1:L4.1	180.91
EXT_PTT_OUT	U33.66:J10.26	4126.96
EXT_SPEAKER_AMP_IN_N	R163.1:C101.1	952.03
EXT_SPEAKER_AMP_IN_P	R162.1:C102.1	934.11
EXT_SPKR_SEL	R146.2:U33.67	6941.81
FS_PRO_CODEC	R72.2:U4.18	1837.28
GMII1_MDIO_CLK	U1.M18:R301.1	1844.72
GMII1_MDIO_CLK	R301.1:R290.2	56.80
GMII1_MDIO_CLK	R290.2:R369.1	2688.77
GMII1_MDIO_CLK	R369.1:R362.2	56.80
GMII1_MDIO_DATA	U1.M17:R296.1	1991.91
GMII1_MDIO_DATA	R296.1:R291.2	56.80
GMII1_MDIO_DATA	R291.2:R368.1	2898.38
GMII1_MDIO_DATA	R368.1:R363.2	56.80
GNS_PPS_CH1_GPS_PIC	R385.2:U33.82	3342.85
GPIO0_DAI_DSP_PIC	R227.2:U33.100	3968.59
GPIO0_DPI_PRO_DSP	R230.1:R67.1	871.22
GPIO0_PRO_PIC	R13.2:U33.93	2241.34
GPIO1_DAI_PRO_DSP	U1.T13:R224.2	3446.83
GPIO1_DPI_PRO_DSP	R231.1:R68.1	1185.84
GPIO1_PIC_RX3	U33.141:J4.C11	6816.55
GPIO1_PRO_PIC	R18.2:U33.103	1615.41
GPIO2_DAI_DSP_RX2	R225.2:J11.C9	2447.32
GPIO2_DPI_PRO_DSP	R17.2:R232.1	2414.47
GPIO2_PIC_RX3	U33.140:J4.A13	6563.84
GPIO2_PRO_PIC	R19.2:U33.102	1677.81
GPIO3_DAI_DSP_RX1	R226.2:J3.C9	3108.76
GPIO3_DPI_DSP_PIC	R233.1:U33.92	3567.73
GPIO3_PIC_RX3	U33.139:J4.C9	6414.56
GPIO3_PRO_PIC	R12.2:R433.1	2304.31
GPIO4_DPI_DSP_RX2	R234.1:J11.A13	3373.41
GPIO4_PRO_PIC	R434.1:R15.2	2979.07
GPIO4_PRO_PIC	R15.2:R25.2	4933.98
GPIO5_DPI_DSP_RX2	R235.1:J11.C11	3581.50
GPIO5_PRO_PIC	R435.1:R16.2	3024.89
GPIO5_PRO_PIC	R16.2:R24.2	4707.03
GPIO6_DPI_DSP_RX1	R238.1:J3.A13	4170.87
GPIO6_PRO_PIC	R440.1:R48.1	2882.78
GPIO7_DPI_DSP_RX1	R239.1:J3.C11	3399.04
GPIO7_PRO_PIC	R436.1:R63.1	2540.44
GPS-RESET_GPS_PIC	U28.8:R386.1	87.23
GPS-RESET_GPS_PIC	R386.1:C256.2	46.62
GPS-RESET_GPS_PIC		

	C256.2:U33.87	3297.27
GPS_10M_REF_CLK	R384.2:U33.83	3127.19
HEADSET_AMP_SEL	U33.91:J9.19	8206.02
HEADSET_SWITCH_SEL	R166.1:U33.15	7198.18
INT_PWDN_2_MAIN	R366.1:U26.44	124.58
INT_PWDN_AUX	U22.44:R295.1	96.79
INT_PWDN_AUX	R295.1:R312.1	87.38
JTAG_EMU0	R30.1:J1.13	121.01
JTAG_EMU0	J1.13:U1.C14	2778.37
JTAG_EMU1	J1.14:R43.1	140.89
JTAG_EMU1	R43.1:U1.B14	2391.84
JTAG_TCK	U1.A12:R32.2	2483.73
JTAG_TCK	R32.2:R31.2	50.11
JTAG_TDI	U1.B11:J1.3	2508.79
JTAG_TDO	U1.A11:J1.7	2535.85
JTAG_TMS	U1.C11:J1.1	2505.58
JTAG_TRSTN	J1.2:R40.2	143.59
JTAG_TRSTN	R40.2:U1.B10	2015.59
KEYPAD_INTERRUPT	R45.1:J9.38	3335.56
KEYPAD_SCL	U1.C16:R33.2	403.51
KEYPAD_SCL	R33.2:J9.6	4830.50
KEYPAD_SDA	U1.C17:R34.2	405.96
KEYPAD_SDA	R34.2:J9.7	5148.52
MICP_IN_DSC_CODEC	R187.2:C125.2	57.70
MICP_IN_DSC_CODEC	C125.2:C143.2	679.76
MISO_FLASH_DSP	U16.K1:U17.8	633.11
MOSI_FLASH_DSP	U16.J1:U17.15	1087.27
MZ_PULSE_CH1_GPS_PIC	R387.2:U33.84	3512.24
N01741	U14.18:C119.1	113.46
N01741	C119.1:R180.2	50.46
N01741	R180.2:R177.1	55.00
N01745	U14.40:X1.2	387.82
N01745	X1.2:C123.1	76.18
N01749	U14.15:R176.2	166.73
N01757	U14.43:R181.2	117.06
N01771	U14.20:C120.1	175.12
N01771	C120.1:R182.1	50.46
N01791	U14.16:C117.1	123.55
N01791	C117.1:R175.2	51.62
N01791	R175.2:R172.1	55.00
N01799	U14.8:R168.2	125.76
N01799	R168.2:R167.2	62.93
N01811	U14.36:TP18.1	252.65
N01815	U14.35:TP19.1	376.94
N01847	TP24.1:U14.28	503.11
N01869	R174.2:U14.48	130.22
N01907		

	TP26.1:C129.2	102.27
N01907	C129.2:R186.2	57.70
N01923	U14.17:C117.2	113.72
N01923	C117.2:R175.1	51.62
N01927	C132.2:C128.2	81.76
N01927	C128.2:R188.1	46.62
N01943	C121.1:TP15.1	272.43
N01947	TP25.1:U14.27	358.35
N01955	U14.25:C122.2	265.24
N01963	U14.10:R171.1	169.07
N01975	U14.33:TP20.1	530.27
N01979	U14.32:TP21.1	661.34
N02019	U14.19:C119.2	123.29
N02019	C119.2:R180.1	53.69
N02031	R184.2:U14.42	92.71
N02137	TP28.1:C132.1	115.94
N02185	U14.24:R186.1	261.45
N02217	U14.21:C120.2	195.52
N02217	C120.2:R182.2	53.69
N02217	R182.2:R185.1	55.00
N02331	U14.23:R187.1	228.76
N02343	U14.39:X1.1	400.78
N02343	X1.1:C124.1	80.25
N02355	R177.2:C118.2	55.46
N02427	R185.2:C121.2	55.46
N02439	C118.1:TP14.1	104.94
N03427	TP22.1:U14.30	524.16
N03591	U14.13:TP16.1	209.39
N03599	U14.26:R188.2	332.95
N03667	TP23.1:U14.29	352.95
N032151	R173.1:R172.2	50.00
N3618300	L9.1:U37.5	161.25
N3618300	U37.5:U37.6	25.99
N3618300	U37.5:C347.2	77.63
N3618300	C347.2:U36.34	78.66
N3618300	U36.34:U36.35	19.68
N3618300	U36.34:U36.33	19.69
N3618320	U36.5:U36.4	19.68
N3618320	U36.4:C349.2	82.50
N3618320	C349.2:L7.1	170.01
N3618324	U36.16:R465.2	216.97
N3618324	R465.2:R469.1	61.20
N3618398	U36.43:C342.1	105.91
N3618398	C342.1:TP51.1	336.52
N3618670	U36.8:U36.9	19.68
N3618670	U36.9:C346.2	77.58
N3618670		

	C346.2:L8.1	169.11
N3618878	R460.1:C337.1	52.22
N3619248	U36.25:U36.26	19.69
N3619248	U36.26:U36.27	19.68
N3619248	U36.26:C348.1	79.57
N3619248	C348.1:U37.8	104.44
N3619248	U37.8:U37.7	25.99
N3619248	U37.8:L10.1	177.50
N3619284	U36.19:R471.2	120.30
N3619284	R471.2:R472.1	190.91
N3619344	U36.46:R466.2	161.93
N3619344	R466.2:R468.1	60.83
N3619464	C347.1:U36.32	87.35
N3619586	C348.2:U36.28	84.52
N3619606	C346.1:U36.12	80.53
N3619866	U36.41:R467.1	540.20
N3619866	R467.1:R470.1	72.04
N3620438	C349.1:U36.1	83.41
N3620692	R457.1:C336.1	55.10
N10809781	R426.2:U31.H8	98.63
N10852756	R428.2:U32.H8	113.16
N11490832	C268.1:R394.2	40.62
N11490832	R394.2:R393.2	60.00
N14490402	R454.2:U36.15	106.58
N16048078	R204.1:U16.N8	144.11
N16048158	R205.2:U16.E14	111.00
N16048166	R221.1:U16.K14	192.58
N16048984	R220.1:U16.N14	157.83
N16049216	R206.1:U16.L1	148.30
N16049304	R213.1:U16.N11	204.69
N16049564	U16.B5:R200.2	152.16
N16049564	R200.2:R199.2	259.80
N16049876	R216.1:U16.L11	273.80
N16050988	R219.1:U16.P7	107.60
N16050992	R208.1:U16.L14	132.28
N16051664	R217.1:U16.J12	190.41
N16051906	R226.1:U16.P6	108.94
N16052052	R218.1:U16.M14	123.06
N16053068	R225.1:U16.K13	165.74
N16053176	R238.2:U16.M5	185.79
N16053798	R239.2:U16.M2	178.63
N16053926	R209.1:U16.M12	208.96
N16053964	R240.2:U16.M1	131.68
N16054062	R224.1:U16.L13	164.69
N16054566	R243.2:J12.1	79.76
N16054610	R211.1:U16.M8	178.38
N16054754		

	R241.2:U16.N1	126.07
N16054968	R242.2:J12.5	79.76
N16055038	R210.1:U16.M11	219.56
N16055054	R202.1:U16.N6	161.14
N16055192	R222.1:U16.K12	209.17
N16055248	R201.2:U16.F13	145.22
N16055264	R203.2:U16.B13	136.77
N16304630	R227.1:U16.L12	220.01
N16311983	R232.2:U16.M4	203.72
N16311987	R231.2:U16.L4	207.54
N16318708	R233.2:U16.L3	204.64
N16318720	R234.2:U16.K4	264.47
N16318724	R235.2:U16.L2	215.43
N16399935	R207.2:U16.C12	174.01
N16587392	R1.2:Y1.3	142.19
N16587392	Y1.3:C1.1	160.96
N16587392	C1.1:R3.1	46.94
N16587416	R5.1:U1.A4	462.57
N16587420	R5.2:C4.2	55.62
N16587420	C4.2:Y2.1	106.49
N16587444	R26.1:U1.B5	257.21
N16587628	R8.2:U1.J3	299.63
N16588324	R2.2:C2.1	54.62
N16588324	C2.1:Y1.1	150.72
N16588324	Y1.1:R1.1	363.63
N16588444	Y2.4:C3.2	128.04
N16588444	C3.2:U1.A6	292.54
N16588454	R2.1:U1.U11	179.86
N16588464	U1.V10:R4.2	830.19
N16588464	R4.2:R3.2	56.47
N16588628	U1.B15:R23.2	465.76
N16588628	R23.2:R22.2	65.10
N16617283	R119.2:R99.2	58.80
N16617283	R99.2:R98.1	50.00
N16617287	R121.2:R107.2	58.80
N16617287	R107.2:R106.1	50.00
N16617291	R118.2:R95.2	58.80
N16617291	R95.2:R94.1	50.00
N16617295	R120.2:R103.2	58.80
N16617295	R103.2:R102.1	50.00
N16617355	SW1.11:R123.2	121.17
N16617355	R123.2:R127.2	50.00
N16617355	R127.2:R112.1	192.72
N16617377	SW1.14:R78.1	121.17
N16617377	R78.1:R83.1	50.00
N16617377	R83.1:R104.1	232.56
N16617427		

	R115.2:SW1.7	128.18
N16617441	R101.2:SW1.2	128.18
N16617573	SW1.10:R124.2	121.17
N16617573	R124.2:R128.2	50.00
N16617573	R128.2:R114.1	195.98
N16617651	R117.2:SW1.8	128.18
N16617719	SW1.13:R82.1	121.17
N16617719	R82.1:R79.1	50.00
N16617719	R79.1:R108.1	236.40
N16618303	SW1.9:R125.2	123.24
N16618303	R125.2:R129.2	50.04
N16618303	R129.2:R116.1	197.67
N16618419	SW1.15:R80.1	121.17
N16618419	R80.1:R84.1	50.00
N16618419	R84.1:R100.1	231.76
N16618423	SW1.16:R81.1	121.17
N16618423	R81.1:R85.1	50.00
N16618423	R85.1:R96.1	235.39
N16618527	U1.A13:R64.2	301.99
N16618539	R77.1:R87.2	59.23
N16618539	R87.2:R86.1	50.90
N16618651	SW1.12:R122.2	121.17
N16618651	R122.2:R126.2	50.00
N16618651	R126.2:R110.1	193.34
N16618655	R105.2:SW1.3	128.18
N16618679	U1.B13:R65.2	312.73
N16618747	U1.D12:R66.2	450.81
N16618759	R74.1:R93.2	58.80
N16618759	R93.2:R92.1	50.00
N16618871	U5.5:R59.2	81.63
N16618913	U7.5:R73.2	84.51
N16619595	R109.2:SW1.4	128.18
N16620109	U1.D13:R70.2	410.72
N16620383	R76.1:R89.2	58.80
N16620383	R89.2:R88.1	50.00
N16620435	R111.2:SW1.5	128.18
N16620439	C14.1:U3.6	73.08
N16620491	C8.1:U3.1	143.29
N16620523	C8.2:U3.3	64.80
N16620539	C9.1:U3.4	125.71
N16620659	C9.2:U3.5	65.29
N16620795	C10.1:U3.2	110.87
N16621101	U1.A9:C20.1	94.23
N16621101	C20.1:C17.1	32.16
N16621101	C20.1:C16.2	161.36
N16621851	R75.1:R91.2	58.80
N16621851		

	R91.2:R90.1	50.00
N16623219	J1.15:R29.1	123.33
N16623219	R29.1:C11.1	123.73
N16623721	R39.2:J1.4	144.50
N16623969	R113.2:SW1.6	128.18
N16624001	R97.2:SW1.1	128.18
N16637324	U12.5:C59.1	55.41
N16637324	C59.1:R133.1	50.05
N16639254	TP10.1:U1.A3	728.99
N16639916	U12.3:U12.1	51.18
N16639916	U12.1:U11.4	69.70
N16639916	U11.4:U10.6	287.05
N16639916	U10.6:R132.1	245.40
N16639916	U11.4:U11.1	204.85
N16639916	U11.4:C49.2	99.46
N16709605	R431.2:U33.20	122.42
N16709605	U33.20:J15.1	2136.75
N16709605	J15.1:C302.1	81.75
N16709605	C302.1:R429.2	41.15
N16710075	J15.5:U33.37	1549.11
N16710419	J15.4:U33.38	1584.23
N16711819	R441.1:U34.14	103.50
N16712181	R437.2:U34.1	70.96
N17570834	U1.H18:R71.1	385.05
N17840092	U28.11:D9.1	85.39
N17840092	D9.1:L6.1	42.77
N17840092	L6.1:J14.1	162.84
N17840118	R389.1:U28.18	143.48
N17840132	R388.1:U28.19	143.56
N17840176	U28.3:R387.1	118.61
N17840176	R387.1:R385.1	50.05
N17840220	R382.2:U28.9	153.25
N17840222	R384.1:U28.4	118.47
N17840280	L6.2:R383.2	133.55
N17840280	R383.2:R382.1	44.90
N18242110	R212.1:U16.M13	149.88
N18251918	U16.J4:R223.1	234.65
N18251918	R223.1:TP32.1	464.44
N18389268	TP45.1:U33.16	251.16
N19492157	U1.V12:R12.1	103.63
N19496860	U1.R7:R15.1	263.46
N19510501	S1.1:S1.2	228.34
N19510501	S1.2:R484.1	102.35
N19510501	R484.1:U39.3	73.28
N19513072	U40.20:C366.1	123.09
N19513072	C366.1:R483.2	54.07
N19513072		

	R483.2:C365.1	184.33
N19513072	C365.1:U40.1	97.33
N19534832	R487.2:Y5.1	86.55
N19600453	U1.T6:R16.1	221.71
N19603825	U1.H17:R61.1	375.46
N19608209	U1.J15:R72.1	598.84
N19627902	U1.C15:R45.2	429.67
N19633389	R433.2:U33.2	88.13
N19635519	R434.2:U33.19	104.54
N19640085	R435.2:U33.22	79.98
N19646175	R440.2:U33.94	78.11
N19662448	R436.2:U33.117	78.22
N20241790	U17.1:U17.3	234.29
N20241790	U17.3:U17.9	497.10
N20241790	U17.9:R247.2	84.34
N20424654	BAT1.2:C36.2	324.96
N20424654	C36.2:U10.1	97.21
N20424654	U10.1:U11.D2	449.12
N20424654	U11.D2:U11.3	38.92
N20458146	U11.2:R132.2	78.30
N20458146	R132.2:U10.4	147.17
N20466150	U10.5:U11.5	159.59
N21921503	U30.5:C281.1	60.32
N21921503	C281.1:R425.1	44.67
N21921640	R420.2:U30.9	102.57
N21923283	R423.2:R424.1	49.18
N21923283	R424.1:C282.1	46.02
N21923283	C282.1:U30.1	58.13
N21938983	U1.A14:R63.2	349.56
N21939067	U1.C18:R44.2	381.59
N21968058	TP34.1:U19.H5	412.71
N21975520	R230.2:U16.K2	166.24
N21994807	R170.2:U14.5	123.41
N21994812	R169.2:U14.6	119.43
N21995520	R55.2:C22.1	67.51
N21995520	C22.1:C21.1	62.12
N21995520	C21.1:U4.20	82.31
N21995520	U4.20:U4.1	212.60
N21995532	TP6.1:U4.17	176.56
N21995594	TP5.1:U4.4	231.48
N22011744	U38.2:R482.1	57.65
N22011744	R482.1:R480.2	50.00
N22011785	U1.C13:R69.2	657.68
N22029389	R383.1:U28.14	715.85
N22030122	R246.2:U18.3	103.79
N22030856	L5.1:U18.5	193.85
N22030856		

	U18.4:L5.2	192.50
N22030859	L5.2:R248.1	146.73
N22057375	U26.47:R379.2	153.39
N22057375	R379.2:R380.1	80.49
N22057375	R380.1:R370.1	413.15
N22057395	U26.46:R375.2	125.45
N22057395	R375.2:R376.1	76.76
N22057395	R376.1:R371.1	371.79
N22057403	U26.45:R373.2	113.03
N22057403	R373.2:R374.1	83.76
N22057403	R374.1:R372.1	97.60
N22057467	U26.40:R352.2	99.29
N22057467	R352.2:R336.2	49.90
N22057467	R336.2:R337.1	170.58
N22057467	R337.1:R343.1	49.68
N22064900	R273.2:U22.40	172.61
N22064900	U22.40:R274.1	93.67
N22064900	R274.1:R275.1	48.63
N22064900	R274.1:R285.2	80.95
N22064932	U22.39:R270.2	214.28
N22064932	R270.2:R271.1	47.44
N22064932	R271.1:R284.2	69.42
N22064952	U22.46:R321.2	101.53
N22064952	R321.2:R322.1	87.74
N22064952	R321.2:R303.1	445.61
N22064996	U22.47:R324.1	137.39
N22064996	R324.1:R323.2	69.07
N22064996	R323.2:R302.1	411.16
N22065031	U22.45:R320.1	89.15
N22065031	R320.1:R319.2	70.42
N22065031	R320.1:R304.1	542.46
N22065357	R302.2:D3.1	80.69
N22065405	R290.1:U22.16	170.17
N22065407	R291.1:U22.17	119.36
N22065443	U22.43:R294.1	334.02
N22065443	R294.1:C219.2	70.82
N22065464	R278.2:U22.29	151.47
N22065472	R279.2:U22.37	178.32
N22065476	R280.2:U22.28	139.19
N22065480	R281.2:U22.27	140.48
N22065484	R282.2:U22.26	152.50
N22065488	R283.2:U22.25	164.92
N22065548	U22.15:R292.1	175.70
N22065548	R292.1:R489.2	427.61
N22065566	R293.1:U22.14	184.91
N22065568	TP38.1:U22.18	418.89
N22065595		

	R292.2:Y3.1	110.83
N22065585	Y3.1:C222.1	116.16
N22065585	C222.1:R300.2	56.89
N22065599	R293.2:Y3.2	103.30
N22065599	Y3.2:C225.1	116.38
N22065599	C225.1:R300.1	54.25
N22066022	C210.1:U21.7	115.89
N22066166	R286.1:U21.3	330.13
N22066168	U21.9:U21.10	19.00
N22066168	U21.10:R286.2	77.19
N22066168	R286.2:R287.2	52.36
N22066168	R287.2:R289.1	51.62
N22066168	R289.1:TP37.1	115.45
N22066190	U21.8:R287.1	135.93
N22066190	R287.1:R288.2	55.66
N22066433	U25.1:R314.1	59.32
N22066433	R314.1:C232.1	63.26
N22066433	C232.1:C233.1	52.90
N22066433	C233.1:R317.2	57.05
N22066433	C232.1:TP39.1	191.82
N22066445	U25.2:R314.2	69.38
N22066445	R314.2:R315.1	60.50
N22066445	R314.2:C232.2	69.72
N22066761	C211.1:U20.10	83.66
N22066763	C214.2:C213.2	178.12
N22066763	C213.2:C212.2	183.18
N22066763	C212.2:C211.2	188.95
N22066763	C211.2:R277.1	207.97
N22066807	C214.1:U20.1	82.95
N22066813	C213.1:U20.4	83.21
N22066823	C212.1:U20.7	82.98
N22066841	R266.2:U20.15	95.44
N22066843	C205.2:R269.1	140.17
N22066843	R269.1:R268.1	120.00
N22066843	R268.1:R267.1	115.00
N22066843	R267.1:R266.1	117.86
N22066873	R267.2:U20.18	95.41
N22066879	R268.2:U20.21	95.85
N22066885	R269.2:U20.24	96.10
N22083002	R28.1:U2.4	72.23
N22083426	U1.H16:R62.1	517.75
N22083506	U1.B12:R68.2	310.31
N22083515	U1.C12:R67.2	478.77
N22121503	U1.U6:R13.1	153.84
N22121537	U1.U18:R17.1	118.63
N22121699	U1.U17:R19.1	258.87
N22121712		

	U1.T17:R18.1	162.92
N22121794	U1.B16:R48.2	307.48
N22121828	U1.A17:R46.2	316.24
N22121863	U1.B17:R47.2	392.10
N22121899	U1.A16:R49.2	400.27
N22163084	TP11.1:R145.1	138.48
N22163084	R145.1:R154.2	48.28
N22163084	R154.2:U13.10	209.28
N22163136	R141.2:R142.1	50.11
N22163136	R142.1:U13.9	266.46
N22163152	R144.1:R143.2	49.07
N22163152	R143.2:U13.8	476.88
N22163188	R151.2:U13.27	749.48
N22163188	U13.27:U13.26	19.68
N22163188	U13.26:R153.1	88.34
N22163190	R149.2:U13.23	758.60
N22163190	U13.23:U13.24	19.69
N22163190	U13.23:R152.1	88.56
N22163226	R155.2:R149.1	104.71
N22163226	R149.1:U13.5	249.64
N22163226	U13.5:U13.4	19.69
N22163427	U13.21:R146.1	86.66
N22163441	U13.12:C101.2	70.82
N22163485	R147.1:R148.1	49.62
N22163485	R148.1:U13.13	215.94
N22163513	U13.20:C104.1	81.23
N22173812	R164.2:J9.21	128.13
N22173814	R162.2:J9.23	412.95
N22173828	R163.2:J9.22	422.44
N22173830	R161.1:J9.18	143.34
N22174197	R165.2:J9.36	143.74
N22174201	R166.2:J9.34	143.74
N22176052	R156.2:R151.1	104.73
N22176052	R151.1:U13.1	250.00
N22176052	U13.1:U13.2	19.68
N22176937	U1.T7:R14.1	889.43
N22207921	C329.2:U35.9	61.08
N22207935	C330.1:U35.8	111.06
N22208015	R439.2:U35.4	185.26
N22208019	U35.5:C327.1	111.47
N22208019	C327.1:R438.1	42.92
N22208231	R463.1:FL4.1	106.68
N22208231	FL4.1:R464.1	95.74
N22260468	U26.39:R329.2	151.13
N22260468	R329.2:R330.1	49.01
N22260468	R329.2:R345.2	88.00
N22261700		

	R365.1:U26.14	129.05
N22261703	U26.15:R364.1	127.29
N22261703	R364.1:R492.2	268.71
N22261719	TP41.1:U26.18	540.34
N22261722	R363.1:U26.17	206.28
N22261725	R362.1:U26.16	262.50
N22261978	R346.2:U26.29	142.22
N22261981	R347.2:U26.37	249.66
N22261984	R348.2:U26.28	131.54
N22261987	R349.2:U26.27	146.47
N22261990	R350.2:U26.26	156.82
N22261993	R351.2:U26.25	168.11
N22266287	R370.2:D6.1	69.53
N22267285	Y4.1:C249.1	109.59
N22267285	C249.1:R364.2	58.18
N22267285	C249.1:R367.2	88.34
N22267290	C250.1:Y4.2	73.70
N22267290	Y4.2:R367.1	101.43
N22267290	R367.1:R365.2	48.53
N22297765	R36.1:C15.2	136.72
N22315646	R153.2:C106.1	48.62
N22316381	R152.2:C105.1	45.08
N22316998	U13.17:C100.2	72.58
N22317124	U13.11:C102.2	71.12
N22326487	C143.1:U15.23	72.84
N22326708	C142.1:U15.22	72.58
N22326819	U15.1:C141.1	56.95
N22326819	C141.1:TP30.1	155.96
N22327606	C135.1:U15.2	67.54
N22327656	C138.1:U15.4	78.21
N22327766	C137.1:U15.3	71.86
N22708992	R157.1:C113.2	66.23
N22736512	U13.16:C103.2	71.91
N22774558	C251.2:U27.10	90.27
N22784339	C252.2:U27.7	90.07
N22784342	C253.2:U27.4	90.51
N22784354	C254.2:U27.1	90.17
N22784998	R359.2:U27.15	115.46
N22785010	R360.2:U27.18	114.64
N22785026	R357.2:U27.21	115.69
N22785039	R358.2:U27.24	115.58
N22785242	C247.2:R358.1	102.42
N22785242	R358.1:R357.1	120.00
N22785242	R357.1:R360.1	115.00
N22785242	R360.1:R359.1	115.00
N22788830	R377.1:J13.10	294.19
N22788830		

	R378.1:J13.12	209.38
N22792364	U1.G17:R10.1	183.70
N22792392	U1.U9:R20.1	795.88
N22815525	C33.1:U9.28	63.23
N22815528	C33.2:U9.24	251.15
N22815564	C32.1:U9.27	85.49
N22815662	C29.1:U9.1	84.84
N22815665	C29.2:U9.2	149.59
N22815687	C30.1:U9.3	86.84
N23022014	Y6.4:C369.1	63.39
N23022014	C369.1:R491.2	2555.02
N23268384	R456.1:C339.1	52.70
N23268443	R456.2:U36.40	118.89
N23268449	R455.2:U36.39	123.57
N23268590	R457.2:U36.20	177.58
N23268600	R458.2:U36.21	128.11
N23268673	R459.2:U36.14	107.54
N23268687	R454.1:C338.1	47.50
N23268994	R460.2:U36.47	136.13
N23269000	R461.2:U36.48	98.51
N23269008	R462.2:U36.42	113.74
N180799220	TP9.1:U1.M5	1797.72
N217325311	R479.2:D10.2	66.30
N227085451	R158.1:C114.2	65.27
OSCO	TP47.1:U33.72	671.85
PA_BB_THERM_SHUTDOWN	J5.14:U33.40	1727.36
PA_BB_VSWR_FAULT	J5.7:U33.68	2160.90
PA_BITE_FWD_VOLTAGE	J5.17:FL1.1	1333.70
PA_BITE_FWD_VOLTAGE_FIL	FL1.3:U33.44	203.99
PA_BITE_REV_VOLTAGE	U33.39:J5.16	1732.48
PHY2_LED1_MAIN	R371.2:R342.2	69.07
PHY2_LED1_MAIN	R342.2:D7.1	77.68
PHY2_LED1_MAIN	D7.1:R378.2	1756.81
PHY2_LED2_MAIN	R372.2:R355.2	380.38
PHY2_LED2_MAIN	R355.2:D8.1	69.04
PHY2_LED2_MAIN	D8.1:R377.2	1134.21
PHY_LED1_AUX	R310.2:D4.1	80.75
PHY_LED1_AUX	D4.1:R303.2	58.52
PHY_LED2_AUX	R297.2:D5.1	97.13
PHY_LED2_AUX	D5.1:R304.2	58.21
PICCLK	U40.4:U33.71	5032.09
PICRESET	R431.1:U40.17	4442.91
PIC_RX3_INT1	U33.142:J4.C7	6177.99
PMON_SCL	U33.80:J6.2	6279.77
PMON_SCL	J6.2:R159.1	95.21
PMON_SDA	U33.79:J6.1	5961.07
PMON_SDA		

	J6.1:R160.1	95.21
POWERSUPPLY_EN_1	R161.2:J6.3	2978.31
POWERSUPPLY_EN_2	R164.1:J6.4	2912.75
PRO_RESET	R22.1:U33.126	2364.51
PRO_SYSBOOT_0	R85.2:U33.135	1929.34
PRO_SYSBOOT_1	R84.2:U33.134	1809.02
PRO_SYSBOOT_2	R83.2:U33.133	1907.55
PRO_SYSBOOT_3	R82.2:U33.132	1565.06
PRO_SYSBOOT_4	R126.1:U33.131	2030.78
PRO_SYSBOOT_5	R127.1:U33.130	1671.62
PRO_SYSBOOT_6	R128.1:U33.129	1879.31
PRO_SYSBOOT_7	R129.1:U33.127	1943.43
PSCC_BB_PWR_FAULT	J5.4:U33.52	1706.79
PTT_INTERRUPT	U1.A15:C6.1	94.08
PTT_INTERRUPT	C6.1:R9.1	4231.38
PTT_INTERRUPT	R9.1:J9.5	141.34
PWM_OUTPUT	R44.1:J9.11	4619.84
PWRGD	R453.1:U36.17	110.90
RESET_EMMC	R14.2:U2.2	56.33
RFRESET	U41.1:U41.4	185.01
RFRESET	U41.4:U41.9	454.78
RFRESET	U41.9:U40.15	2878.85
RGMI2_RCLK	U1.T15:U22.32	2684.34
RGMI2_RCLK	U1.T15:R308.2	191.04
RGMI2_RCTL	U22.38:R263.1	197.86
RGMI2_RCTL	R263.1:R262.2	84.64
RGMI2_RCTL	R262.2:U1.V14	2452.84
RGMI2_RCTL	U1.V14:R306.2	111.35
RGMI2_RD0	U1.V17:R298.2	171.94
RGMI2_RD0	R298.2:R260.2	2473.57
RGMI2_RD0	R260.2:R261.1	91.48
RGMI2_RD0	R261.1:U22.33	141.99
RGMI2_RD1	U1.T16:R299.2	244.74
RGMI2_RD1	R299.2:U22.34	2535.79
RGMI2_RD2	U1.U16:R264.2	2508.49
RGMI2_RD2	R264.2:R265.1	74.71
RGMI2_RD2	R265.1:U22.35	148.88
RGMI2_RD2	U1.U16:R307.2	194.59
RGMI2_RD3	U1.V16:U22.36	2687.02
RGMI2_RD3	U1.V16:R309.2	139.53
RGMI2_TCLK	R278.1:U1.U15	2341.37
RGMI2_TCTL	R279.1:U1.R13	2349.89
RGMI2_TD0	R280.1:U1.V15	2310.70
RGMI2_TD1	R281.1:U1.R14	2333.93
RGMI2_TD2	R282.1:U1.T14	2331.66
RGMI2_TD3	R283.1:U1.U14	2327.31
PTCK		

	R31.1:J1.9	122.30
RTOUCH_1	U1.B6:J8.27	5413.50
RTOUCH_2	U1.C7:J8.26	5880.76
RTOUCH_3	U1.B7:J8.25	5489.83
RTOUCH_4	U1.A7:J8.24	5740.54
RX1_CLK_SPORT1	R208.2:J3.C1	3997.67
RX1_DIN_SPORT1	R202.2:J3.C5	4066.95
RX1_DOUT_SPORT1	R204.2:J3.C3	4088.64
RX1_FS_SPORT1	R206.2:J3.A15	3987.82
RX1_RESET	U41.3:J3.A16	7058.23
RX1_RESET_CTL	U41.2:R486.1	79.50
RX1_RESET_CTL	R486.1:U33.121	1176.43
RX1_SCK	U33.26:J3.A1	6991.02
RX1_SDI	U33.29:J3.A9	8932.58
RX1_SDO	U33.30:J3.A11	8088.16
RX1_SS	U33.28:J3.A7	7491.16
RX2_CLK_SPORT2	R212.2:J11.C1	3281.24
RX2_DIN_SPORT2	R209.2:J11.C5	3231.47
RX2_DOUT_SPORT2	R210.2:J11.C3	3258.10
RX2_FS_SPORT2	R211.2:J11.A15	3286.12
RX2_RESET	U41.6:J11.A16	5956.31
RX2_RESET_CTL	U41.5:R485.1	78.67
RX2_RESET_CTL	R485.1:U33.120	748.20
RX2_SCK	U33.53:J11.A1	5901.62
RX2_SDI	U33.59:J11.A9	7001.99
RX2_SDO	U33.60:J11.A11	7055.15
RX2_SS	U33.56:J11.A7	6714.50
RX3_RESET	U41.8:J4.A16	5675.28
RX3_RESET_CTL	U41.10:R488.1	77.54
RX3_RESET_CTL	R488.1:U33.101	865.80
RX3_SCK	U33.5:J4.A1	5362.91
RX3_SDI	U33.9:J4.A9	6184.70
RX3_SDO	U33.10:J4.A11	6444.27
RX3_SS	U33.4:J4.A7	6299.94
RXENA_DSC_PIC	R171.2:U33.113	2748.73
SCK1_PIC_RX3	U33.109:J4.C1	6143.58
SCK3_PIC_DSC	R178.1:U33.61	2725.46
SCK5_PIC_PA_DAC	U33.57:U34.5	1309.66
SCK6_PIC_DSC_CODEC	U15.18:U33.70	1617.13
SCK_PRO_CODEC	U4.10:J9.13	5643.46
SCL1_PIC_DSC_CODEC	U33.95:U15.10	1258.41
SCL1_PIC_DSC_CODEC	U15.10:R179.2	99.69
SCL2_PIC_GPS	U33.85:R390.1	2442.30
SCL2_PIC_GPS	R390.1:R388.2	55.00
SCLK_FLASH_DSP	U16.J2:U17.16	1215.68
SDA1_PIC_DSC_CODEC	U33.96:U15.9	1359.66
SDA1_PIC_DSC_CODEC		

	U15.9:R183.2	165.20
SDA2_PIC_GPS	U33.86:R389.2	2438.84
SDA2_PIC_GPS	R389.2:R391.1	50.00
SDI1_PIC_RX3	U33.110:J4.C5	6114.38
SDI3_PIC_DSC	R181.1:U33.125	2721.42
SDI6_PIC_DSC_CODEC	U15.15:U33.11	1628.82
SDI_PRO_CODEC	R71.2:J9.12	5665.84
SDO1_PIC_RX3	U33.111:J4.C3	6118.37
SDO3_PIC_DSC	R184.1:U33.124	2696.27
SDO5_PIC_PA_DAC	U33.105:U34.3	1353.88
SDO6_PIC_DSC_CODEC	U15.16:U33.36	1598.31
SDO_PRO_CODEC	R62.2:J9.14	5628.98
SOFT_RESET	R482.2:R69.1	2025.89
SPCK_DISPLAY	R46.1:J9.31	3307.06
SPDA_DISPLAY	R47.1:J9.30	3388.14
SPENB_DISPLAY	R49.1:J9.28	3660.01
SPKR_SEL	R165.1:U33.90	7589.77
SPORT3_CLK_DSP_PIC	R218.2:U33.98	4829.24
SPORT3_DIN_DSP_PIC	R213.2:U33.35	4872.12
SPORT3_DOUT_DSP_PIC	R216.2:U33.3	4843.66
SPORT3_FS_DSP_PIC	R217.2:U33.62	4858.84
SPORT4_CLK_PRO_DSP	U4.2:R222.2	867.43
SPORT4_CLK_PRO_DSP	R222.2:R64.1	3694.72
SPORT4_DIN_PRO_DSP	R219.2:R66.1	3761.98
SPORT4_DOUT_PRO_DSP	R220.2:R70.1	3784.40
SPORT4_FS_PRO_DSP	R221.2:U4.19	1077.27
SPORT4_FS_PRO_DSP	U4.19:R65.1	2802.87
SS1_PIC_RX3	U33.97:J4.A15	6109.48
SS3_PIC_DSC	R174.1:U33.47	2694.55
SS5_PIC_PA_DAC	U33.118:U34.4	1314.73
SS6_PIC_DSC_CODEC	U15.17:U33.49	1586.37
SS_PRO_CODEC	U4.11:J9.15	5631.01
SYNC/MODE	U36.44:R452.1	117.50
SYNC/MODE	R452.1:TP49.1	463.73
SYS_RESETN	U1.A10:R21.1	445.85
SYS_RESETN	R21.1:R29.2	2150.86
SYS_RESETN	R21.1:R316.1	3142.02
TCK	R32.1:J1.11	121.57
TXENA_DSC_PIC	R176.1:U33.112	1931.83
UART1_RX_PIC_AUX	U33.106:U3.9	2981.31
UART1_RX_PRO_PIC	U1.D16:U33.119	2697.79
UART1_TX_PIC_AUX	U33.31:U3.10	2876.46
UART1_TX_PRO_PIC	U1.D15:U33.143	3142.45
UART3_RX_PIC_RX1	U33.13:J3.C14	7704.04
UART3_TX_PIC_RX1	U33.25:J3.C13	7916.85
UART4_RX_PIC_RX2	U33.34:J11.C14	7746.49
UART4_RX_PRO_DSP		

	U1.E17:R241.1	2215.16
UART4_TX_PIC_RX2	U33.12:J11.C13	7408.50
UART4_TX_PRO_DSP	U1.E18:R240.1	2252.66
UART5_RX_PIC_RX3	U33.6:J4.C14	7150.21
UART5_TX_PIC_RX3	U33.128:J4.C13	6868.79
UART6_RX_PIC_GPS	U33.78:U28.20	2386.19
UART6_TX_PIC_GPS	U33.58:U28.21	1945.62
UART_RX_RX1	U9.19:J3.C4	7449.02
UART_RX_RX2	U9.18:J11.C4	5838.76
UART_RX_RX3	U9.17:J4.C4	4377.48
UART_TX_RX1	U9.14:J3.C2	7540.34
UART_TX_RX2	U9.13:J11.C2	5865.37
UART_TX_RX3	U9.12:J4.C2	4222.91
UPI01_PA_DAC	R437.1:U33.115	1177.52
UPI02_PA_DAC	R441.2:U33.114	1328.93
USB0_CONN_DN	J10.39:U8.2	554.68
USB0_CONN_DN	U8.2:L2.3	701.12
USB0_CONN_DP	J10.40:U8.1	551.14
USB0_CONN_DP	U8.1:L2.4	701.67
USB0_DM	U1.N18:L2.2	2975.97
USB0_DP	U1.N17:L2.1	2992.81
USB0_ID	J10.38:U8.3	167.07
USB0_ID	U8.3:U1.P16	4408.11
USB1_CONN_DN	U6.2:J10.2	520.09
USB1_CONN_DN	J10.2:L1.3	194.96
USB1_CONN_DP	U6.1:J10.1	520.22
USB1_CONN_DP	J10.1:L1.4	195.53
USB1_DM	U1.R18:L1.2	5187.88
USB1_DP	U1.R17:L1.1	5246.01
USB1_ID	J10.6:U6.3	286.82
USB1_ID	U6.3:U1.P17	4599.45
VDD1V3	R130.1:R475.2	3823.05
VDD3V3_CODEEC	U15.11:C134.1	46.41
VDD3V3_CODEEC	C134.1:R179.1	124.52
VDD3V3_CODEEC	R179.1:R189.1	79.56
VDD3V3_CODEEC	C134.1:R183.1	274.26
VDD3V3_CODEEC	R183.1:R191.2	1210.31
VDD3V3_RS232	R27.2:C18.1	154.66
VDD3V3_RS232	C18.1:U3.16	65.86
VDD3V3_RS232	U3.16:U9.22	1966.40
VDD3V3_RS232	U9.22:U9.26	154.23
VDD3V3_RS232	U9.26:C31.1	85.78
VDD3V3_SDCARD	J2.4:R52.1	498.18
VDD3V3_SDCARD	R52.1:R53.1	49.18
VDD3V3_SDCARD	R53.1:R54.1	50.30
VDD3V3_SDCARD	R52.1:R51.1	63.20
VDD3V3_SDCARD		

	R51.1:R50.1	49.61
VDD3V3_SDCARD	R50.1:R56.2	1047.89
VDDA1V0	R361.1:C218.1	1119.52
VDDA1V0	C218.1:C220.1	53.79
VDDA1V0	C220.1:C217.1	35.00
VDDA1V0	C217.1:C216.1	35.00
VDDA1V0	C216.1:C215.1	31.40
VDDA1V0	C215.1:R289.2	87.77
VDDA1V0	C218.1:R313.1	2102.43
VDDA1V0	R313.1:C239.1	52.99
VDDA1V0	C239.1:C235.1	32.83
VDDA1V0	C235.1:C241.1	32.53
VDDA1V0	C241.1:C245.1	32.52
VDDA1V0_AUX	U22.6:U22.42	270.28
VDDA1V0_AUX	U22.42:U22.31	264.62
VDDA1V0_AUX	U22.31:U22.24	284.11
VDDA1V0_AUX	U22.24:R313.2	344.27
VDDA1V0_MAIN	U26.6:U26.42	268.57
VDDA1V0_MAIN	U26.42:U26.31	361.38
VDDA1V0_MAIN	U26.31:R361.2	253.01
VDDA1V0_MAIN	R361.2:U26.24	105.39
VDDA2P5	R317.1:C242.1	55.49
VDDA2P5	C242.1:C236.1	35.76
VDDA2P5	C236.1:C238.1	55.72
VDDA2P5	C238.1:C244.1	87.07
VDDA2P5	C244.1:R305.1	98.28
VDDA2P5	R305.1:C228.1	869.23
VDDA2P5	C228.1:C231.1	35.00
VDDA2P5	C231.1:C230.1	35.00
VDDA2P5	C230.1:C229.1	35.00
VDDA2P5	C242.1:R353.1	2529.86
VDDA2P5_AUX	U22.3:U22.9	186.03
VDDA2P5_AUX	U22.9:R305.2	813.96
VDDA2P5_MAIN	U26.9:U26.3	181.44
VDDA2P5_MAIN	U26.3:R353.2	108.98
VDDA_ADC	U1.D8:FB11.1	193.68
VDDA_ADC	FB11.1:C89.1	84.92
VDDA_ADC	C89.1:R35.1	526.24
VDDR_VTT	U30.3:C291.1	85.01
VDDR_VTT	C291.1:C287.1	75.00
VDDR_VTT	C287.1:C285.1	75.00
VDDR_VTT	C285.1:R418.2	565.36
VDDR_VTT	R418.2:R411.2	46.00
VDDR_VTT	R411.2:R407.2	80.56
VDDR_VTT	R411.2:R413.2	100.67
VDDR_VTT	R413.2:R405.2	80.62
VDDR_VTT		

	R413.2:R410.2	45.00
VDDR_VTT	R410.2:R403.2	76.96
VDDR_VTT	R410.2:R414.2	93.17
VDDR_VTT	R414.2:R400.2	71.44
VDDR_VTT	R414.2:R409.2	93.17
VDDR_VTT	R409.2:R397.2	68.74
VDDR_VTT	R409.2:R398.2	90.99
VDDR_VTT	R398.2:R396.2	69.66
VDDR_VTT	R398.2:R415.2	45.00
VDDR_VTT	R415.2:R399.2	71.46
VDDR_VTT	R415.2:R417.2	45.00
VDDR_VTT	R417.2:R401.2	74.16
VDDR_VTT	R417.2:R408.2	95.39
VDDR_VTT	R408.2:R402.2	76.02
VDDR_VTT	R402.2:R412.2	45.00
VDDR_VTT	R412.2:R404.2	45.00
VDDR_VTT	R404.2:R395.2	82.41
VDDR_VTT	R395.2:R406.2	91.28
VDDR_VTT	R406.2:R416.2	80.36
VDDR_VTT	R408.2:C269.1	78.49
VDDR_VTT	R414.2:C270.1	78.04
VDDR_VTT	C291.1:C280.1	400.29
VDDR_VTT	C280.1:R425.2	48.11
VDDSHV1	R135.1:FB10.1	66.55
VDDSHV2	R138.1:FB6.1	62.81
VDDSHV3	R140.1:FB9.1	295.70
VDDSHV4	R139.1:FB7.1	119.98
VDDSHV5	R137.1:FB8.1	137.04
VDDSHV6	C19.1:J1.5	121.23
VDDSHV6	J1.5:R30.2	406.02
VDDSHV6	R30.2:R43.2	418.50
VDDSHV6	R43.2:FB5.1	1706.57
VDDSHV6	FB5.1:R21.2	100.17
VDDSHV6	R21.2:R136.2	505.96
VDDSHV6	R136.2:R59.1	6496.47
VDDSHV6	R59.1:R73.1	162.43
VDDSHV6	R43.2:R9.2	1841.36
VDDSHV6	R9.2:R11.2	716.70
VDDS_DDR	C257.1:U31.A9	57.54
VDDS_DDR	U31.A9:U31.B9	76.04
VDDS_DDR	U31.B9:C259.1	58.89
VDDS_DDR	C259.1:C267.1	171.50
VDDS_DDR	C267.1:U31.E9	62.66
VDDS_DDR	U31.E9:U31.D7	114.97
VDDS_DDR	U31.D7:U31.E2	236.11
VDDS_DDR	U31.E2:U31.G2	107.53
VDDS_DDR		

	U31.G2:U31.K1	174.41
VDDS_DDR	U31.K1:C272.1	69.04
VDDS_DDR	C272.1:C278.1	46.45
VDDS_DDR	C272.1:C265.1	145.79
VDDS_DDR	C265.1:U32.K9	49.36
VDDS_DDR	U32.K9:U32.M9	107.53
VDDS_DDR	U32.M9:C266.1	57.00
VDDS_DDR	U32.K9:U32.G8	174.41
VDDS_DDR	U32.G8:U32.E9	114.96
VDDS_DDR	U32.E9:C293.1	55.04
VDDS_DDR	U32.E9:U32.B9	139.03
VDDS_DDR	U32.B9:U32.A9	76.04
VDDS_DDR	U32.A9:C292.1	58.57
VDDS_DDR	U32.A9:C258.1	52.54
VDDS_DDR	C258.1:C51.1	249.54
VDDS_DDR	C51.1:C62.1	44.25
VDDS_DDR	C51.1:C65.1	188.06
VDDS_DDR	C65.1:C55.1	50.00
VDDS_DDR	C55.1:C39.1	130.77
VDDS_DDR	C39.1:C261.1	351.90
VDDS_DDR	C261.1:U32.A2	62.96
VDDS_DDR	U32.A2:C271.1	178.53
VDDS_DDR	C271.1:C299.1	49.76
VDDS_DDR	C299.1:U32.C1	58.34
VDDS_DDR	U32.C1:U32.E2	114.96
VDDS_DDR	U32.E2:U32.G2	139.03
VDDS_DDR	U32.G2:C296.1	85.51
VDDS_DDR	C296.1:C294.1	85.59
VDDS_DDR	C294.1:U32.K1	54.28
VDDS_DDR	U32.K1:U32.M1	107.53
VDDS_DDR	U32.M1:C298.1	68.66
VDDS_DDR	C294.1:R130.2	340.48
VDDS_DDR	R130.2:R131.2	84.33
VDDS_DDR	C55.1:U1.E5	259.95
VDDS_DDR	U1.E5:U1.F5	76.01
VDDS_DDR	U1.F5:U1.G5	76.02
VDDS_DDR	U1.G5:U1.H5	76.02
VDDS_DDR	U1.H5:U1.J5	76.01
VDDS_DDR	U1.J5:C46.1	54.11
VDDS_DDR	C46.1:C41.1	32.60
VDDS_DDR	C46.1:U1.K5	54.11
VDDS_DDR	U1.K5:U1.L5	76.01
VDDS_DDR	C65.1:R6.1	159.54
VDDS_DDR	U32.E9:U32.D7	114.97
VDDS_DDR	U31.K1:U31.M1	107.53
VDDS_DDR	U31.M1:R427.2	278.54
VDDS_DDR		

	U31.E2:U31.C1	114.96
VDDS_DDR	U31.C1:C290.1	65.47
VDDS_DDR	C290.1:C264.1	40.25
VDDS_DDR	U31.C1:U31.A2	114.97
VDDS_DDR	U31.A2:C273.1	57.48
VDDS_DDR	C267.1:C262.1	213.72
VDDS_DDR	C262.1:U31.G8	96.01
VDDS_DDR	C262.1:C277.1	209.16
VDDS_DDR	C277.1:U31.K9	58.09
VDDS_DDR	U31.K9:U31.M9	107.53
VDDS_DDR	U31.M9:C275.1	64.67
VDDS_DDR	C275.1:C268.2	235.45
VDDS_DDR	C268.2:C289.1	643.94
VDDS_DDR	C289.1:C286.1	75.00
VDDS_DDR	C286.1:C283.1	56.54
VDDS_DDR	C283.1:U30.2	102.52
VDDS_DDR	U30.2:U29.6	961.84
VDDS_DDR	U29.6:C260.1	45.25
VDDS_DDR	C289.1:R423.1	211.84
VDDS_DDR	R423.1:C279.1	40.55
VDDV3V_PHY_AUX	C226.1:C224.1	60.42
VDDV3V_PHY_AUX	C224.1:U22.41	88.37
VDDV3V_PHY_AUX	U22.41:R273.1	77.97
VDDV3V_PHY_AUX	R273.1:C223.1	198.11
VDDV3V_PHY_AUX	C223.1:U22.30	64.35
VDDV3V_PHY_AUX	C223.1:C221.1	222.93
VDDV3V_PHY_AUX	C221.1:U22.19	96.89
VDDV3V_PHY_AUX	C221.1:R296.2	443.98
VDDV3V_PHY_AUX	R296.2:R301.2	50.00
VDDV3V_PHY_AUX	C224.1:R312.2	314.06
VDDV3V_PHY_AUX	R312.2:R319.1	205.16
VDDV3V_PHY_AUX	R319.1:R321.1	49.76
VDDV3V_PHY_AUX	R321.1:R323.1	50.24
VDDV3V_PHY_AUX	R323.1:R318.2	58.32
VDDV3V_PHY_AUX	R312.2:R311.2	137.24
VDDV3V_PHY_AUX	R312.2:R270.1	292.10
VDDV3V_PHY_AUX	R270.1:R262.1	97.66
VDDV3V_PHY_AUX	R262.1:R272.2	153.91
VDDV3V_PHY_AUX	R262.1:R264.1	484.99
VDDV3V_PHY_AUX	R264.1:R260.1	58.38
VDDV3V_PHY_MAIN	R335.2:R329.1	155.54
VDDV3V_PHY_MAIN	R329.1:R336.1	48.83
VDDV3V_PHY_MAIN	R336.1:U26.41	307.63
VDDV3V_PHY_MAIN	U26.41:U26.30	367.17
VDDV3V_PHY_MAIN	U26.30:R354.1	118.82
VDDV3V_PHY_MAIN	R354.1:U26.19	184.73
VDDV3V_PHY_MAIN		

	R354.1:R368.2	379.09
VDDV3V_PHY_MAIN	R368.2:R369.2	50.00
VDDV3V_PHY_MAIN	R369.2:R491.1	79.60
VDDV3V_PHY_MAIN	R336.1:R373.1	401.36
VDDV3V_PHY_MAIN	R373.1:R375.1	50.00
VDDV3V_PHY_MAIN	R375.1:R379.1	50.00
VDDV3V_PHY_MAIN	R373.1:R334.2	64.19
VDDV3V_PHY_MAIN	R334.2:R333.2	55.51
VDDV3V_PHY_MAIN	R329.1:R327.1	97.54
VDDV3V_PHY_MAIN	R327.1:R331.2	160.46
VDDV3V_PHY_MAIN	R331.2:R325.2	49.62
VDD_1V8_CODEC	U15.13:C136.1	73.38
VDD_1V8_CODEC	C136.1:R192.2	107.23
VDD_3V3_EMMC	U2.5:C7.1	65.74
VDD_3V3_EMMC	C7.1:C197.2	154.00
VDD_3V3_EMMC	C197.2:C201.2	38.43
VDD_3V3_EMMC	C201.2:U19.P3	50.33
VDD_3V3_EMMC	U19.P3:U19.N4	113.82
VDD_3V3_EMMC	U19.N4:U19.P5	27.84
VDD_3V3_EMMC	U19.N4:U19.M4	157.31
VDD_3V3_EMMC	U19.M4:C188.2	77.81
VDD_3V3_EMMC	C188.2:C186.2	41.75
VDD_3V3_EMMC	U19.M4:C191.2	157.17
VDD_3V3_EMMC	C191.2:C189.2	40.28
VDD_3V3_EMMC	C189.2:U19.C2	262.22
VDD_3V3_EMMC	U19.C2:C204.2	84.83
VDD_3V3_EMMC	C204.2:C203.2	32.31
VDD_3V3_EMMC	C203.2:R251.1	375.74
VDD_3V3_EMMC	R251.1:R255.1	52.84
VDD_3V3_EMMC	R255.1:R252.1	52.28
VDD_3V3_EMMC	R252.1:R256.1	54.24
VDD_3V3_EMMC	R256.1:R253.1	53.46
VDD_3V3_EMMC	R253.1:R257.2	175.21
VDD_3V3_EMMC	R251.1:R254.1	53.51
VDD_3V3_EMMC	R254.1:R250.1	53.21
VDD_3V3_EMMC	R250.1:R249.1	54.40
VDD_3V3_EMMC	R249.1:R259.1	57.27
VDD_3V3_EMMC	R259.1:R258.1	49.98
VDD_3V3_EMMC	C191.2:U19.F5	66.77
VDD_3V3_EMMC	U19.F5:U19.E6	56.92
VDD_3V3_EMMC	U19.E6:U19.C6	107.27
VDD_3V3_EMMC	U19.C6:C196.2	61.87
VDD_3V3_EMMC	U19.C6:C187.2	247.12
VDD_3V3_EMMC	C187.2:C185.2	34.95
VDD_3V3_EMMC	C185.2:C195.2	40.39
VDD_3V3_EMMC	U19.F5:C202.2	54.78
VDD_3V3_EMMC		

	C202.2:C199.2	32.18
VDD_3V3_EMMC	C199.2:U19.J10	190.63
VDD_3V3_EMMC	U19.J10:C200.2	47.91
VDD_3V3_EMMC	C200.2:C198.2	40.16
VDD_3V3_EMMC	U19.J10:U19.K9	107.94
VDD_3V3_EMMC	U19.K9:C194.2	56.44
VDD_3V3_EMMC	C194.2:C192.2	83.00
VDD_3V3_EMMC	C197.2:C190.2	198.16
VDD_3V3_EMMC	C190.2:C193.2	38.04
VREFP_ADC	U1.B9:C16.1	139.31
VREFP_ADC	C16.1:C15.1	32.77
VREFP_ADC	C15.1:C12.1	491.21
VREFP_ADC	C12.1:C13.1	32.15
VREFP_ADC	C12.1:R35.2	129.96
VREG	R452.2:C340.1	51.29
VREG	C340.1:U36.45	179.47
VREG	U36.45:R453.2	686.12
VREG	R453.2:R444.1	82.81
VREG	R453.2:R448.1	269.68
VREG	R448.1:R442.1	251.74
VREG	C340.1:TP50.1	346.22
VREG_EN	R459.1:R442.2	63.60
VREG_EN	R442.2:R443.2	54.46
VREG_EN	R443.2:R461.1	682.55
VRTC	C80.1:U1.D7	251.32
VRTC	U1.D7:R133.2	3687.78
VS	R143.1:R141.1	55.87
VS	R141.1:C109.1	280.20
VS	C109.1:U13.6	286.21
VS	R141.1:R154.1	485.04
VS	R154.1:R148.2	133.99
VTT_EN	U30.7:R422.1	101.01
VTT_EN	R422.1:R421.1	51.00
VTT_EN_1_5V	U29.4:R392.1	53.16
VTT_EN_3_3V	U29.3:R419.1	56.07
VTT_EN_3_3V	R419.1:R421.2	146.88