

RK3288 substrate trace length		
UNIT: microns		
Net Name	Total length(um)	Total length(mil)
DDRO_A0	7529.234	296.4265354
DDRO_A1	6324.212	248.9847244
DDRO_A2	8435.924	332.1229921
DDRO_A3	4665.444	183.6788976
DDRO_A4	4904.824	193.1033071
DDRO_A5	7371.526	290.2175591
DDRO_A6	6750.519	265.7684646
DDRO_A7	8001.861	315.0338976
DDRO_A8	7021.906	276.4529921
DDRO_A9	8180.654	322.0729921
DDRO_A10	7913.809	311.5672835
DDRO_A11	6057.832	238.4973228
DDRO_A12	4923.524	193.8395276
DDRO_A13	6338.466	249.5459055
DDRO_A14	6935.556	273.0533858
DDRO_A15	6620.068	260.6325984
DDRO_AT0	6682.895	263.1061024
DDRO_BA0	7778.007	306.220748
DDRO_BA1	8626.388	339.6215748
DDRO_BA2	5129.207	201.9372835
DDRO_CASN	9081.172	357.5264567
DDRO_CK	8372.813	329.6383071
DDRO_CKE0	6939.936	273.2258268
DDRO_CKE1	7341.704	289.0434646
DDRO_CKN	8621.268	339.42
DDRO_CSON	8518.55	335.3759843
DDRO_CS1N	4422.263	174.1048425
DDRO_DM0	5807.526	228.6427559
DDRO_DM1	4489.747	176.7616929
DDRO_DM2	7772.466	306.0025984
DDRO_DM3	8517.594	335.3383465
DDRO_DQ0	8120.885	319.7198819
DDRO_DQ1	7078.963	278.6993307
DDRO_DQ2	4396.607	173.0947638
DDRO_DQ3	5153.09	202.8775591
DDRO_DQ4	8633.394	339.8974016
DDRO_DQ5	5356.841	210.899252
DDRO_DQ6	7167.068	282.1680315
DDRO_DQ7	6696.382	263.6370866
DDRO_DQ8	8206.306	323.0829134
DDRO_DQ9	8951.428	352.4184252
DDRO_DQ10	10687.774	420.7785039
DDRO_DQ11	6982.924	274.9182677
DDRO_DQ12	5635.901	221.8858661
DDRO_DQ13	9941.316	391.3903937
DDRO_DQ14	10068.057	396.3801969
DDRO_DQ15	5289.313	208.2406693
DDRO_DQ16	7478.453	294.4272835
DDRO_DQ17	8361.073	329.1761024
DDRO_DQ18	4676.733	184.1233465
DDRO_DQ19	7431.4	292.5748031

DDRO_DQ20	6446.14	253.7850394
DDRO_DQ21	7911.022	311.4575591
DDRO_DQ22	6771.789	266.6058661
DDRO_DQ23	8444.93	332.4775591
DDRO_DQ24	9606.389	378.2042913
DDRO_DQ25	9801.849	385.8995669
DDRO_DQ26	6452.861	254.0496457
DDRO_DQ27	5687.475	223.9163386
DDRO_DQ28	6998.232	275.5209449
DDRO_DQ29	5116.501	201.4370472
DDRO_DQ30	8028.916	316.0990551
DDRO_DQ31	5663.977	222.9912205
DDRO_DQS0	8950.328	352.3751181
DDRO_DQS0N	8821.939	347.3204331
DDRO_DQS1	8991.188	353.9837795
DDRO_DQS1N	8617.887	339.2868898
DDRO_DQS2	9006.535	354.5879921
DDRO_DQS2N	9272.79	365.0704724
DDRO_DQS3	9180.871	361.4516142
DDRO_DQS3N	9513.508	374.5475591
DDRO_DT00	5894.145	232.0529528
DDRO_DT01	4397.809	173.1420866
DDRO_ODT0	5034.881	198.2236614
DDRO_ODT1	5161.784	203.2198425
DDRO_PZQ	5098.769	200.738937
DDRO_RASN	5622.54	221.3598425
DDRO_RESET	5673.978	223.3849606
DDRO_RETLE	4782.152	188.2737008
DDRO_VDD	56696.5	2232.145669
DDRO_VDDAO	6205.071	244.2941339
DDRO_VREF	11818.823	465.3079921
DDRO_VREFA0	2863.135	112.7218504
DDRO_WEN	7754.399	305.2912992
DDR1_A0	6259.845	246.4505906
DDR1_A1	7310.828	287.827874
DDR1_A2	8329.891	327.9484646
DDR1_A3	4807.678	189.2786614
DDR1_A4	4926.507	193.9569685
DDR1_A5	6802.592	267.8185827
DDR1_A6	7665.829	301.8042913
DDR1_A7	6057.805	238.4962598
DDR1_A8	7127.739	280.6196457
DDR1_A9	7692.982	302.8733071
DDR1_A10	6544.478	257.6566142
DDR1_A11	5919.246	233.0411811
DDR1_A12	4559.373	179.502874
DDR1_A13	6236.218	245.5203937
DDR1_A14	6636.595	261.2832677
DDR1_A15	7657.925	301.4931102
DDR1_AT0	5446.435	214.4265748
DDR1_BA0	6553.544	258.0135433
DDR1_BA1	8174.133	321.8162598
DDR1_BA2	5211.847	205.1908268

DDR1_CASN	8671.779	341.408622
DDR1_CK	8042.534	316.6351969
DDR1_CKE0	9593.199	377.685
DDR1_CKE1	7259.788	285.8184252
DDR1_CKN	8325.047	327.7577559
DDR1_CSON	8717.19	343.1964567
DDR1_CS1N	6623.674	260.7745669
DDR1_DM0	4962.974	195.3926772
DDR1_DM1	5352.608	210.7325984
DDR1_DM2	6157.572	242.4240945
DDR1_DM3	7101.123	279.5717717
DDR1_DQ0	7629.833	300.387126
DDR1_DQ1	6605.449	260.0570472
DDR1_DQ2	8319.404	327.5355906
DDR1_DQ3	3889.356	153.124252
DDR1_DQ4	8050.058	316.9314173
DDR1_DQ5	7434.163	292.6835827
DDR1_DQ6	4880.63	192.1507874
DDR1_DQ7	7029.477	276.751063
DDR1_DQ8	8583.359	337.9275197
DDR1_DQ9	9182.14	361.5015748
DDR1_DQ10	10766.212	423.8666142
DDR1_DQ11	7609.152	299.5729134
DDR1_DQ12	5009.247	197.2144488
DDR1_DQ13	6591.669	259.5145276
DDR1_DQ14	5439.918	214.17
DDR1_DQ15	4260.362	167.7307874
DDR1_DQ16	7469.539	294.0763386
DDR1_DQ17	4970.412	195.6855118
DDR1_DQ18	7686.191	302.6059449
DDR1_DQ19	4670.825	183.890748
DDR1_DQ20	6182.308	243.3979528
DDR1_DQ21	8648.469	340.4909055
DDR1_DQ22	6217.143	244.7694094
DDR1_DQ23	7601.657	299.2778346
DDR1_DQ24	9720.766	382.7073228
DDR1_DQ25	9341.403	367.7717717
DDR1_DQ26	6624.918	260.8235433
DDR1_DQ27	4913.446	193.4427559
DDR1_DQ28	7085.272	278.9477165
DDR1_DQ29	6894.926	271.4537795
DDR1_DQ30	10848.711	427.1146063
DDR1_DQ31	4204.463	165.5300394
DDR1_DQS0	8733.913	343.8548425
DDR1_DQS0N	8655.809	340.7798819
DDR1_DQS1	8605.612	338.803622
DDR1_DQS1N	8816.835	347.1194882
DDR1_DQS2	8066.038	317.5605512
DDR1_DQS2N	8352.476	328.8376378
DDR1_DQS3	9701.761	381.9590945
DDR1_DQS3N	9617.631	378.6468898
DDR1_DT00	5749.256	226.3486614
DDR1_DT01	3701.745	145.7379921
DDR1_ODT0	4964.429	195.4499606

DDR1_ODT1	6616.704	260.5001575
DDR1_PZQ	5256.695	206.9564961
DDR1_RASN	4411.987	173.7002756
DDR1_RESET	10386.915	408.9336614
DDR1_RETLE	5061.522	199.2725197
DDR1_VDD	57942.091	2281.184685
DDR1_VDDA0	4500.466	177.1837008
DDR1_VREF	14651.336	576.824252
DDR1_VREFA0	3462.428	136.316063
DDR1_WEN	7187.61	282.9767717
EDP_AUXN	9320.125	366.9340551
EDP_AUXP	9562.809	376.4885433
EDP_TX0N	8128.007	320.0002756
EDP_TX0P	7856.863	309.325315
EDP_TX1N	8064.703	317.5079921
EDP_TX1P	8129.915	320.0753937
EDP_TX2N	8548.877	336.5699606
EDP_TX2P	8242.907	324.5238976
EDP_TX3N	9209.781	362.5898031
EDP_TX3P	8951.038	352.4030709
HDMI_TCN	9206.365	362.455315
HDMI_TCP	8922.602	351.2835433
HDMI_TX0N	9246.972	364.0540157
HDMI_TX0P	8987.399	353.8346063
HDMI_TX1N	9742.663	383.5694094
HDMI_TX1P	9495.423	373.8355512
HDMI_TX2N	10023.653	394.6320079
HDMI_TX2P	9763.595	384.3935039
HOST1_DM	8988.433	353.875315
HOST1_DP	9027.143	355.3993307
HOST2_DM	9149.314	360.2092126
HOST2_DP	9205.294	362.4131496
HSIC_DATA	10410.365	409.8568898
HSIC_STROBE	9791.649	385.4979921
LCDC0_D0/LVDS_D0P/TRACE_D0	8120.951	319.7224803
LCDC0_D1/LVDS_D0N/TRACE_D1	8399.204	330.6773228
LCDC0_D2/LVDS_D1P/TRACE_D2	7446.749	293.1790945
LCDC0_D3/LVDS_D1N/TRACE_D3	7725.041	304.1354724
LCDC0_D4/LVDS_D2P/TRACE_D4	7379.908	290.5475591
LCDC0_D5/LVDS_D2N/TRACE_D5	7641.626	300.8514173
LCDC0_D6/LVDS_D3P/TRACE_D6	7795.703	306.9174409
LCDC0_D7/LVDS_D3N/TRACE_D7	8053.169	317.0538976
LCDC0_D8/LVDS_D4P/TRACE_D8	8451.063	332.7190157
LCDC0_D9/LVDS_D4N/TRACE_D9	8670.607	341.3624803
LCDC0_D10/LVDS_CLK0P/TRACE_D10	7324.568	288.3688189
LCDC0_D11/LVDS_CLK0N/TRACE_D11	7594.289	298.9877559
LCDC0_D12/LVDS_D5P/TRACE_D12	7020.747	276.4073622
LCDC0_D13/LVDS_D5N/TRACE_D13	7363.535	289.9029528

LCDC0_D14/LVDS_D6P/TRACE_D14	7223.263	284.3804331
LCDC0_D15/LVDS_D6N/TRACE_D15	7471.197	294.1416142
LCDC0_D16/LVDS_D7P/TRACE_CLK	6133.124	241.4615748
LCDC0_D17/LVDS_D7N/TRACE_CTL	6410.003	252.3623228
LCDC0_D18/LVDS_D8P	7666.328	301.823937
LCDC0_D19/LVDS_D8N	7965.766	313.6128346
LCDC0_D20/LVDS_D9P	7342.226	289.0640157
LCDC0_D21/LVDS_D9N	7635.122	300.5953543
LCDC0_D22/LVDS_CLK1P	6228.619	245.2212205
LCDC0_D23/LVDS_CLK1N	6520.343	256.7064173
LCDC0_DCLK/GPIO1_D3	4449.703	175.1851575
LCDC0_DEN/GPIO1_D2	3175.237	125.0093307
LCDC0_HSYNC/GPIO1_D0	3495.46	137.6165354
LCDC0_VSYNC/GPIO1_D1	4330.535	170.4935039
MIPI_RX_CLKN	10803.558	425.3369291
MIPI_RX_CLKP	10895.654	428.9627559
MIPI_RX_D0N	9655.666	380.1443307
MIPI_RX_D0P	9722.59	382.7791339
MIPI_RX_D1N	10316.582	406.1646457
MIPI_RX_D1P	10048.394	395.606063
MIPI_RX_D2N	11290.831	444.5209055
MIPI_RX_D2P	11209.831	441.3319291
MIPI_RX_D3N	12060.745	474.8324803
MIPI_RX_D3P	12224.801	481.291378
MIPI_TX/RX_CLKN	7098.814	279.4808661
MIPI_TX/RX_CLKP	7192.18	283.1566929
MIPI_TX/RX_D0N	6601.359	259.8960236
MIPI_TX/RX_D0P	6625.927	260.8632677
MIPI_TX/RX_D1N	7283.137	286.7376772
MIPI_TX/RX_D1P	6991.592	275.2595276
MIPI_TX/RX_D2N	7832.527	308.3672047
MIPI_TX/RX_D2P	7610.052	299.6083465
MIPI_TX/RX_D3N	7427.268	292.412126
MIPI_TX/RX_D3P	7863.373	309.5816142
MIPI_TX_CLKN	10983.061	432.4039764
MIPI_TX_CLKP	10767.175	423.9045276
MIPI_TX_D0N	11746.186	462.4482677
MIPI_TX_D0P	11910.68	468.9244094
MIPI_TX_D1N	11566.922	455.3906299
MIPI_TX_D1P	11018.138	433.7849606
MIPI_TX_D2N	11463.42	451.315748
MIPI_TX_D2P	10893.941	428.895315
MIPI_TX_D3N	11488.325	452.2962598
MIPI_TX_D3P	11265.518	443.5243307
OTG_DM	10356.474	407.7351969
OTG_DP	10383.827	408.8120866