RK3288 substrate trace 1	longth	
UNIT: microns	rengtn	
Net Name	Total length(um)	Total length(mil)
DDRO AO	7529. 234	296. 4265354
DDRO_A1	6324. 212	248. 9847244
DDRO_A2	8435. 924	332. 1229921
DDRO_A2	4665. 444	183. 6788976
DDRO A4	4904. 824	193. 1033071
DDRO A5	7371. 526	290. 2175591
DDRO A6	6750. 519	265. 7684646
DDRO_AO	8001. 861	315. 0338976
DDRO_A7	7021. 906	276. 4529921
DDRO_A9	8180. 654	322. 0729921
DDRO_A9	7913. 809	311. 5672835
DDRO_A10	6057. 832	238. 4973228
DDRO A12		
_	4923. 524	193. 8395276
DDRO_A14	6338. 466	249. 5459055
DDRO_A14 DDRO_A15	6935. 556 6620. 068	273. 0533858 260. 6325984
-		
DDRO_ATO DDRO BAO	6682. 895 7778. 007	263. 1061024 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_CKEO	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_DMO	5807. 526	228. 6427559
DDRO_DM1	4489. 747	176. 7616929
DDRO_DM2	7772. 466	306. 0025984
DDRO_DM3	8517. 594	335. 3383465
DDRO_DQO	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
DDR0_DQ10	10687. 774	420. 7785039
DDRO_DQ11	6982. 924	274. 9182677
DDR0_DQ12	5635. 901	221. 8858661
DDRO_DQ13	9941. 316	391. 3903937
DDR0_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
DDR0 DQ19	7431.4	292. 5748031

DDR0_DQ20	6446. 14	253. 7850394
DDR0_DQ21	7911. 022	311. 4575591
DDRO_DQ22	6771. 789	266. 6058661
DDR0_DQ23	8444. 93	332. 4775591
DDR0_DQ24	9606. 389	378. 2042913
DDR0_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
DDR0_DQS0	8950. 328	352. 3751181
DDRO_DQSON	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
DDR0_DQS3N	9513. 508	374. 5475591
DDRO_DTOO	5894. 145	232. 0529528
DDRO_DTO1	4397. 809	173. 1420866
DDRO_ODTO	5034. 881	198. 2236614
DDRO_ODT1	5161. 784	203. 2198425
DDR0_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_VREFAO	2863. 135	112. 7218504
DDRO_WEN	7754. 399	305. 2912992
DDR1 AO	6259. 845	246. 4505906
DDR1_A0	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_AO	6057, 805	238. 4962598
DDR1_A7	7127. 739	280. 6196457
DDR1 A9	7692. 982	302. 8733071
DDR1_A3	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_ATO	5446. 435	214. 4265748
DDR1_BA0	6553. 544	258. 0135433
DDR1_BA1	8174. 133	321. 8162598
DDR1_BA2	5211. 847	205. 1908268

DDD1 CACN	0071 770	241 400000
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 DDR1_CS1N	8717. 19	343. 1964567
DDR1_CSIN DDR1 DMO	6623. 674	260. 7745669 195. 3926772
DDR1_DM0 DDR1 DM1	4962. 974 5352. 608	210. 7325984
_	i	
DDR1_DM2	6157. 572	242. 4240945
DDR1_DM3 DDR1 DQ0	7101. 123	279. 5717717
DDR1 DQ1	7629. 833 6605. 449	300. 387126 260. 0570472
	8319. 404	327. 5355906
DDR1_DQ2 DDR1 DQ3	3889. 356	153. 124252
DDR1_DQ3 DDR1 DQ4		
_	8050. 058	316. 9314173
DDR1_DQ5	7434. 163	292. 6835827
DDR1_DQ6 DDR1_DQ7	4880. 63 7029. 477	192. 1507874 276. 751063
DDR1_DQ8	8583. 359	337. 9275197
DDR1 DQ9	9182. 14	361. 5015748
DDR1 DQ10	10766. 212	423. 8666142
DDR1 DQ11	7609. 152	
DDR1 DQ12		299. 5729134
DDR1_DQ12 DDR1 DQ13	5009. 247 6591. 669	197. 2144488 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_DQ23 DDR1_DQ30	10848.711	427. 1146063
DDR1 DQ31	4204. 463	165. 5300394
DDR1 DQS0	8733. 913	343. 8548425
DDR1 DQSON	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_DTOU DDR1 DTO1	i	145. 7379921
	3701. 745	
DDR1_ODTO	4964. 429	195. 4499606

DDR1 DDR1 G616, 704 260. 5001575			
DDR1 RASN	DDR1_ODT1	6616.704	260. 5001575
DDR1 RESET 10386, 915 408, 9336614 DDR1 RETLE 5061, 522 199, 2725197 DDR1 VDD 57942, 091 2281, 184685 DDR1 VDD 57942, 091 2281, 184685 DDR1 VREF 14651, 336 576, 824252 DDR1 VREF 14651, 336 576, 824252 DDR1 VREF 14651, 336 576, 824252 DDR1 VREF 14651, 336 376, 824252 DDR1 VREF 282, 9767717 EDP AUXN 9320, 125 366, 9340551 EDP AUXP 9562, 809 376, 4885433 EDP TXOR 8128, 007 320, 0002756 EDP TXOR 7856, 863 309, 325315 EDP TXIN 8064, 703 317, 507921 EDP TXIP 8129, 915 320, 0753937 EDP TXIP 8129, 915 320, 0753937 EDP TX2N 8548, 877 336, 6599606 EDP TX3N 9209, 781 362, 5898031 EDP TX3N 9209, 781 362, 5898031 EDP TX3P 8951, 038 352, 4030709 HDMI TCN 9206, 365 362, 455315 EDMI TXON 9246, 972 364, 0540157 HDMI TCP 8922, 602 351, 2835433 EDMI TXON 9246, 972 364, 0540157 HDMI TXIN 9742, 663 394, 632079 HDMI TXIN 9742, 663 394, 632079 HDMI TXIP 995, 423 373, 8355512 HDMI TXIP 9965, 423 373, 8355512 HDMI TXIP 9965, 294 362, 4131496 HSC DATA 10410, 365 409, 8568898 HSIC STROBE 9791, 649 385, 4979921 LCDCO DI/LVDS DOP/TRACE DO 8120, 951 319, 7224803 LCDCO DI/LVDS DOP/TRACE DO 8451, 063 332, 4779945 LCDCO DI/LVDS DOP/TRACE DO 8673, 607, 703 306, 9174409 LCDCO DI/LVDS DAP/TRACE DO 8670, 607 341, 3624803 LCDCO DI/LV	DDR1 PZQ	5256. 695	206. 9564961
DDR1 RETLE 5061.522 199.2725197 DDR1 VDD 57942.091 2281.184685 DDR1 VDD	DDR1 RASN	4411. 987	173. 7002756
DDR1 VDD	DDR1 RESET	10386. 915	408. 9336614
DDR1 VDDA0	DDR1 RETLE	5061. 522	199. 2725197
DDR1 VREF	DDR1 VDD	57942. 091	2281. 184685
DDR1 VREFAO 3462. 428	DDR1 VDDAO	4500. 466	177. 1837008
DDR1 WEN	DDR1 VREF	14651. 336	576. 824252
EDP AUXN 9320.125 366.9340551 EDP TXON 8128.007 320.0002756 EDP TXOP 7856.863 309.325315 EDP TXIN 8064.703 317.5079921 EDP TXIP 8129.915 320.0753937 EDP TXIP 8129.915 320.0753937 EDP TXIN 8064.703 317.5079921 EDP TXIP 8129.915 320.0753937 EDP TXIP 8129.915 320.0753937 EDP TXIN 8064.703 324.5238976 EDP TXIN 8064.703 8548.877 336.5699606 EDP TX2P 8242.907 324.5238976 EDP TX3N 9209.781 362.5898031 EDP TX3N 9209.781 362.5898031 EDP TX3N 9209.781 362.455315 IDMI TCN 9206.365 362.455315 IDMI TCP 8922.602 351.2835433 HDMI TXIN 9742.663 383.5694094 HDMI TXIN 9742.663 383.5694094 HDMI TXIP 9495.423 373.835512 HDMI TX2N 10023.653 394.6320079 IDMI TX2P 9763.595 384.3935039 HOST1_DM 8988.433 353.875315 HOST1_DM 9027.143 360.2092126 HOST2_DM 9149.314 360.2092126 HOST2_DM 9149.314 360.2092126 HOST2_DM 9149.314 360.2092126 LCDC0_DO/LVDS_DOP/TRACE_D0 8120.951 319.7224803 LCDC0_DI/LVDS_DOP/TRACE_D0 8120.951 319.7224803 LCDC0_DI/LVDS_DOP/TRACE_D0 8120.951 319.7224803 LCDC0_DO/LVDS_DOP/TRACE_D0 8120.951 319.7224803 LCDC0_DI/LVDS_DOP/TRACE_D0 8120.951 319.7224803 LCDC0_DB/LVDS_DIP/TRACE_D2 7446.749 293.1790945 LCDC0_DB/LVDS_DP/TRACE_D3 7795.041 304.334724 LCDC0_DB/LVDS_DP/TRACE_D6 7795.703 306.9174109 LCDC0_DB/LVDS_DP/TRACE_D6 7795.703 306.9174109 LCDC0_DB/LVDS_DB/TRACE_D7 8053.169 317.0538976 LCDC0_DB/LVDS_DB/TRACE_D8 8451.063 332.7190157 LCDC0_DB/LVDS_DB/TRACE_D8 8451.063 332.7190157 LCDC0_DB/LVDS_DB/TRACE_D8 8451.063 332.7190157 LCDC0_DB/LVDS_DB/TRACE_D9 8670.607 341.3624803 LCDC0_D1/LVDS_DB/TRACE_D10 7324.568 288.3688189 LCDC0_D1/LVDS_DS/TRACE_D10 7324.568 288.3688189 LCDC0_D1/LVDS_DS/TRACE_D10 7324.568 288.3688189 LCDC0_D1/LVDS_DS/TRACE_D11 7594.289 298.9877559 LCDC0_D1/LVDS_DS/TRACE_D11 7594.289 298.9877559 LCDC0_D1/LVDS_DS/TRACE_D11 7594.289 298.9877559 LCDC0_D1/LVDS_DS/TRACE_D11 7594.289 298.9877559	DDR1 VREFAO	3462. 428	136. 316063
EDP AUXP 9562. 809 376. 4885433 EDP TXON 8128. 007 320. 0002756 EDP TXOP 7856. 863 309. 325315 EDP TXIN 8064. 703 317. 5079921 EDP TXIP 8129. 915 320. 0753937 EDP TX2P 8242. 907 324. 5238976 EDP TX3N 9209. 781 362. 5898031 EDP TX3P 8951. 038 352. 4030709 EDP TX3P 8951. 038 352. 4030709 EDMI TCN 9206. 365 362. 455315 HDMI TCP 8922. 602 351. 2835433 HDMI TX0N 9246. 972 364. 0540157 HDMI TX1N 9742. 663 383. 5694094 HDMI TX1P 9495. 423 373. 8355512 HDMI TX2P 9763. 595 384. 3935039 HOST1 DM 8988. 433 353. 875315 HOST2 DM 9149. 314 360. 2092126 HOST2 DM 9149. 314 360. 2092126 HOST2 DM 9149. 314 360. 2092126 HOST2 DP 9205. 294 362. 4131496	DDR1 WEN	7187.61	282. 9767717
EDP AUXP 9562. 809 376. 4885433 EDP TXON 8128. 007 320. 0002756 EDP TXOP 7856. 863 309. 325315 EDP TXIN 8064. 703 317. 5079921 EDP TXIP 8129. 915 320. 0753937 EDP TX2P 8242. 907 324. 5238976 EDP TX3N 9209. 781 362. 5898031 EDP TX3P 8951. 038 352. 4030709 EDP TX3P 8951. 038 352. 4030709 EDMI TCN 9206. 365 362. 455315 HDMI TCP 8922. 602 351. 2835433 HDMI TX0N 9246. 972 364. 0540157 HDMI TX1N 9742. 663 383. 5694094 HDMI TX1P 9495. 423 373. 8355512 HDMI TX2P 9763. 595 384. 3935039 HOST1 DM 8988. 433 353. 875315 HOST2 DM 9149. 314 360. 2092126 HOST2 DM 9149. 314 360. 2092126 HOST2 DM 9149. 314 360. 2092126 HOST2 DP 9205. 294 362. 4131496			
EDP_TXON 8128.007 320.0002756 EDP_TXOP 7856.863 309.325315 EDP_TXIN 8064.703 317.5079921 EDP_TXIP 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 TCN 9206.365 362.455315 HDMI TX0N 9246.972 364.0540137 HDMI TX0P 8987.399 353.8346063 HDMI TX1N 9742.663 383.5694094 HDMI TX1P 9495.423 373.8355512 HDMI TX2P 9763.595 384.3935039 HOST1 DM 8988.433 353.875315 HOST2 DM 9149.314 360.2092126 HOST2 DP 9205.294 362.4131496 HSIC DATA 10410.365 409.8568898 HSIC DATA 10410.365 409.8568898 HSIC DATA	EDP AUXN	9320. 125	366. 9340551
EDP_TXOP 7856. 863 309. 325315 EDP_TXIN 8064. 703 317. 5079921 EDP_TXIP 8129. 915 320. 0753937 EDP_TX2N 8548. 877 336. 5699606 EDP_TX2P 8242. 907 324. 5238976 EDP_TX3P 8951. 038 352. 4030709 HDMI_TCN 9206. 365 362. 455315 HDMI_TCN 9206. 365 362. 455315 HDMI_TX0P 8922. 602 351. 2835433 HDMI_TX0P 8987. 399 353. 8346063 HDMI_TX1N 9742. 663 383. 5694094 HDMI_TX1P 9495. 423 373. 8355512 HDMI_TX2P 9763. 595 384. 3935039 HOST1_DM 8988. 433 353. 875315 HOST2_DM 9149. 314 360. 2092126	EDP_AUXP	9562.809	376. 4885433
EDP_TX1N 8064.703 317.5079921 EDP_TX1P 8129.915 320.0753937 EDP_TX2N 8548.877 336.5699606 EDP_TX3P 8242.907 324.5238976 EDP_TX3P 8951.038 352.4030709 EDP_TX3P 8951.038 352.4030709 EDMI TCN 9206.365 362.455315 HDMI TCN 8922.602 351.2835433 HDMI TX0N 9246.972 364.0540157 HDMI TX0P 8987.399 353.8346063 IDMI TX1P 9495.423 373.835512 HDMI TX2P 10023.653 394.6320079 HDMI TX2P 9763.595 384.3935039 HOST1_DM 8988.433 353.875315 HOST2_DM 9149.314 360.2092126 HOST2_DP 9027.143 365.3993307 HOST2_DP 9205.294 362.4131496 HSIC_DATA 10410.365 409.8568898 HSIC_DATA 10410.365 409.8568898 HSIC_DATA 10410.365 409.8568898 HSIC_DOD_D/LVD	EDP_TX0N	8128.007	320. 0002756
EDP_TXIP 8129.915 320.0753937 EDP_TXZN 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_TX1P 8987.399 353.8346063 HDMI_TX1P 9495.423 373.8355515 HDMI_TX2P 10023.653 394.6320079 HDMI_TX2P 9763.595 384.3935039 HOST1_DM 8988.433 353.875315 HOST1_DM 8988.433 353.875315 HOST2_DM 9149.314 360.2092126 HOST2_DP 9205.294 362.4131496 HSIC_DATA 10410.365 409.856898 HSIC_DATA 10410.365 409.856898 HSIC_DATA 10410.365 409.8568898 HSIC_DATA 10410.365 409.8568898 HSIC_DATA	EDP_TX0P	7856. 863	309. 325315
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_TX1N 9742.663 383.5694094 HDMI_TX1P 9495.423 373.8355512 HDMI_TX2P 9763.595 384.3935039 HOST1_DM 8988.433 353.875315 HOST1_DM 8988.433 353.875315 HOST2_DM 9149.314 360.2092126 HOST2_DM 9149.314 360.2092126 HOST2_DP 9205.294 362.4131496 HSIC_STROBE 9791.649 385.4979921 LCDCO_DO/LVDS_DOP/TRACE_DO 8120.951 319.7224803 LCDCO_DJ/LVDS_DIP/TRACE_DI 8399.204 330.6773228 LCDCO_DJ/LVDS_DIP/TRACE_DI 7446.749 293.1790945 LCDCO_DJ/LVDS_DIP/TRACE_DI 7379.908	EDP_TX1N	8064. 703	317. 5079921
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_TXIP 8987.399 353.8346063 HDMI_TX1P 9495.423 373.8355512 HDMI_TX2P 10023.653 394.6320079 HDMI_TX2P 9763.595 384.3935039 HOST1_DM 8988.433 353.875315 HOST1_DM 8988.433 353.875315 HOST2_DP 9027.143 355.3993307 HOST2_DP 9205.294 362.4131496 HSIC_DATA 10410.365 409.8568898 HSIC_STROBE 9791.649 385.4979921 LCDCO_DO_LVDS_DOP/TRACE_DO 8120.951 319.7224803 LCDCO_DJ_LVDS_DIP/TRACE_DI 8399.204 330.6773228 LCDCO_DJ_LVDS_DIP/TRACE_DI 7446.749 293.1790945 LCDCO_DJ_LVDS_DIP/TRACE_DI 7725.041	EDP_TX1P	8129. 915	320. 0753937
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_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_DM 9149.314 360.2092126 HOST2_DP 9205.294 362.4131496 HSIC_DATA 10410.365 409.8568898 HSIC_STROBE 9791.649 385.4979921 LCDCO_DO/LVDS_DOP/TRACE_DO 8120.951 319.7224803 LCDCO_DI/LVDS_DON/TRACE_DI 8399.204 330.6773228 LCDCO_DI/LVDS_DIN/TRACE_DI 746.749 293.1790945 LCDCO_DI/LVDS_DIN/TRACE_DI 7379.908	EDP_TX2N	8548.877	336. 5699606
EDP_TX3P	EDP_TX2P	8242. 907	324. 5238976
HDMI TCN	EDP_TX3N	9209. 781	362. 5898031
HDMI TCP	EDP_TX3P	8951. 038	352. 4030709
HDMI TCP			
HDMI_TXON	HDMI_TCN	9206. 365	362. 455315
HDMI_TX0P	HDMI_TCP	8922.602	351. 2835433
HDMT_TX1N	HDMI_TXON	9246. 972	364. 0540157
HDMI TX1P	HDMI_TXOP	8987. 399	353. 8346063
HDMI TX2N	HDMI_TX1N	9742.663	383. 5694094
HOST1_DM	HDMI_TX1P	9495. 423	373. 8355512
HOST1_DM	HDMI_TX2N	10023. 653	394. 6320079
HOST1_DP	HDMI_TX2P	9763. 595	384. 3935039
HOST1_DP			
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_D1P/TRACE_D3 7725. 041 304. 1354724 LCDC0_D4/LVDS_D2P/TRACE_D4 7379. 908 290. 5475591 LCDC0_D5/LVDS_D2P/TRACE_D5 7641. 626 300. 8514173 LCDC0_D6/LVDS_D3P/TRACE_D6 7795. 703 306. 9174409 LCDC0_D7/LVDS_D3N/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	HOST1_DM		353. 875315
HOST2 DP	HOST1_DP	9027. 143	355. 3993307
HOST2 DP			
HSIC_DATA	HOST2_DM	9149. 314	360. 2092126
HSIC_STROBE 9791. 649 385. 4979921	HOST2_DP	9205. 294	362. 4131496
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_CLKOP/TRACE_D10 7324.568 288.3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594.289 298.9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020.747 276.4073622			409. 8568898
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_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622	HSIC_STROBE	9791. 649	385. 4979921
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_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
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_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
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_CLKOP/TRACE_D10 7324.568 288.3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594.289 298.9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020.747 276.4073622			
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_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
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_CLKOP/TRACE_D10 7324.568 288.3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594.289 298.9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020.747 276.4073622			
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_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
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_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
LCDC0_D8/LVDS_D4P/TRACE_D8 8451.063 332.7190157 LCDC0_D9/LVDS_D4N/TRACE_D9 8670.607 341.3624803 LCDC0_D10/LVDS_CLKOP/TRACE_D10 7324.568 288.3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594.289 298.9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020.747 276.4073622			
LCDC0_D9/LVDS_D4N/TRACE_D9 8670. 607 341. 3624803 LCDC0_D10/LVDS_CLKOP/TRACE_D10 7324. 568 288. 3688189 LCDC0_D11/LVDS_CLKON/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
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_D11/LVDS_CLK0N/TRACE_D11 7594. 289 298. 9877559 LCDC0_D12/LVDS_D5P/TRACE_D12 7020. 747 276. 4073622			
LCDC0_D12/LVDS_D5P/TRACE_D12 7020.747 276.4073622			
LCDC0_D13/LVDS_D5N/TRACE_D13 7363.535 289.9029528			
	LCDC0_D13/LVDS_D5N/TRACE_D13	7363. 535	289. 9029528

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LCDCO_D14/LVDS_D6P/TRACE_D14	7223. 263	284. 3804331
LCDCO_D15/LVDS_D6N/TRACE_D15	7471. 197	294. 1416142
LCDCO_D16/LVDS_D7P/TRACE_CLK	6133. 124	241. 4615748
LCDCO_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/GPI01_D3	4449. 703	175. 1851575
LCDCO_DEN/GPIO1_D2	3175. 237	125. 0093307
LCDC0_HSYNC/GPI01_D0	3495. 46	137. 6165354
LCDC0_VSYNC/GPI01_D1	4330. 535	170. 4935039
MIPI_RX_CLKN	10803. 558	425. 3369291
MIPI_RX_CLKP	10895.654	428. 9627559
MIPI_RX_DON	9655. 666	380. 1443307
MIPI_RX_DOP	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 DON	6601.359	259. 8960236
MIPI TX/RX DOP	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 DON	11746. 186	462. 4482677
MIPI TX DOP	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
	11200.010	110.001
OTG DM	10356. 474	407. 7351969
OTG DP	10383. 827	408. 8120866
	10000.021	100.0120000