

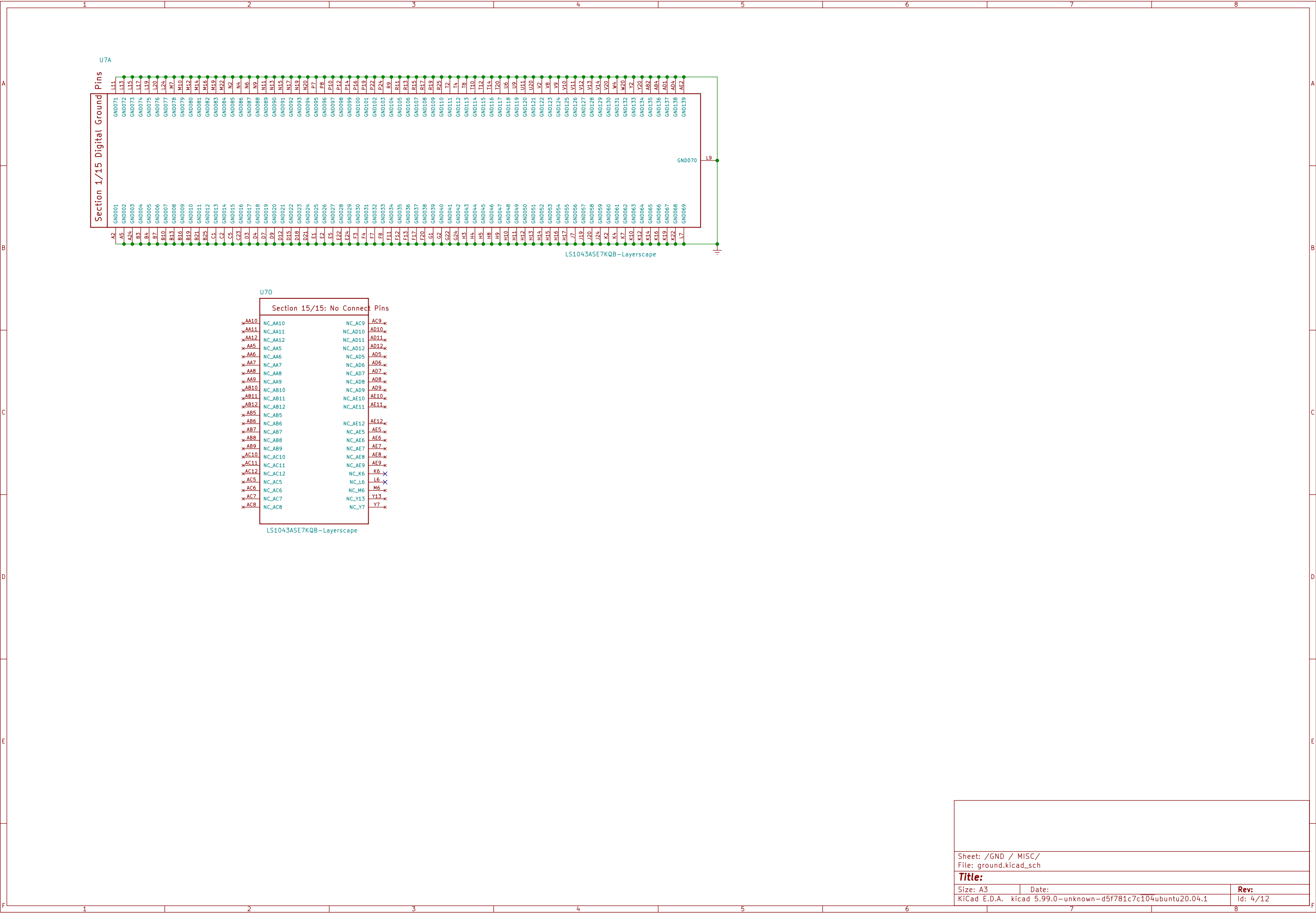
IS ImageStream Internet Solutions, Inc.

Sheet: /PoE Power/
File: poe.kicad_sch

Title: AP2100

Size: A3 Date: 2020-04-12
KiCad E.D.A. kicad 5.99.0-unknown-d5f781c7c104ubuntu20.04.1

Rev: 3/12



Sheet: /GND / MISC/
File: ground.kicad_sch

Title:

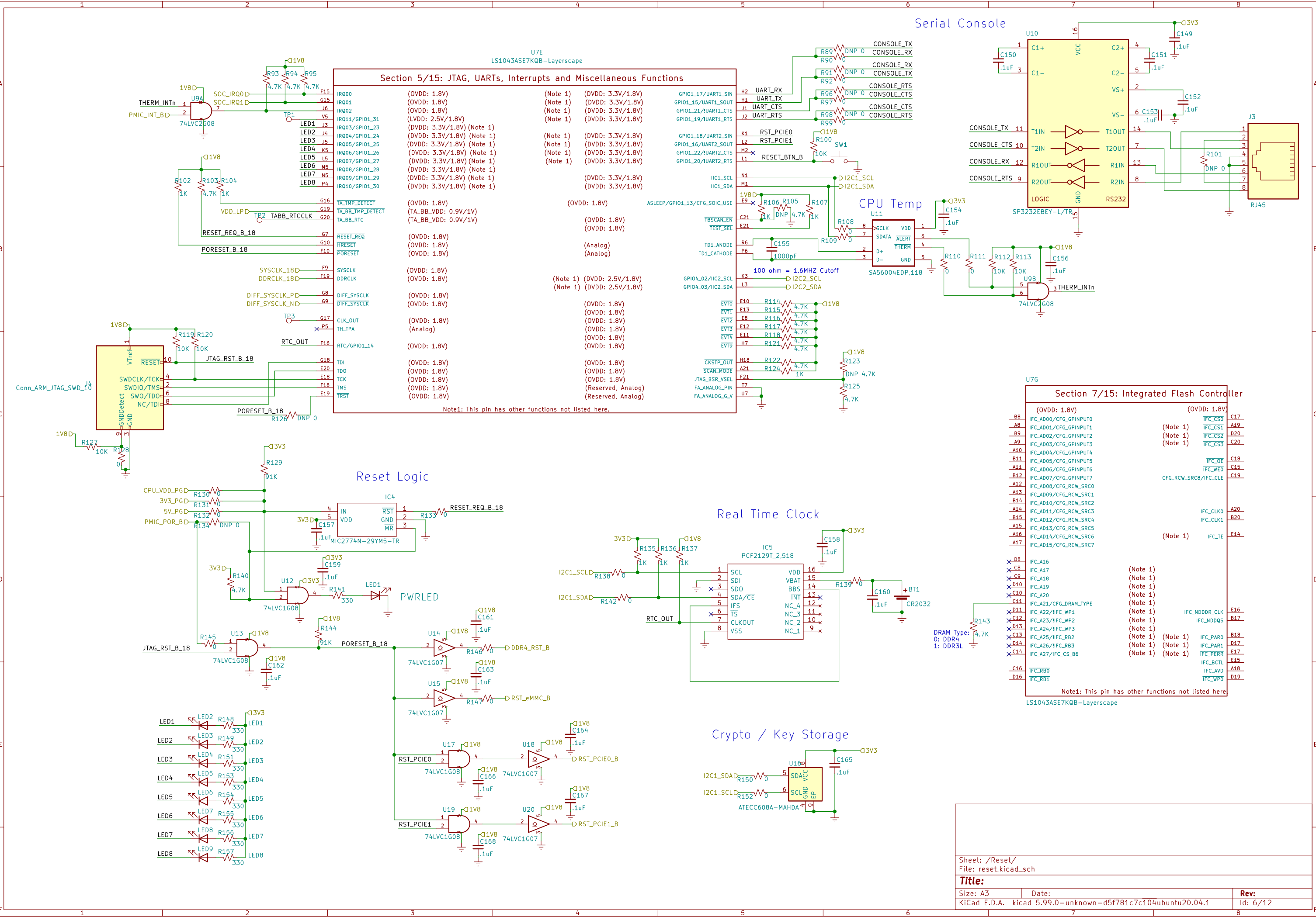
Size: A3

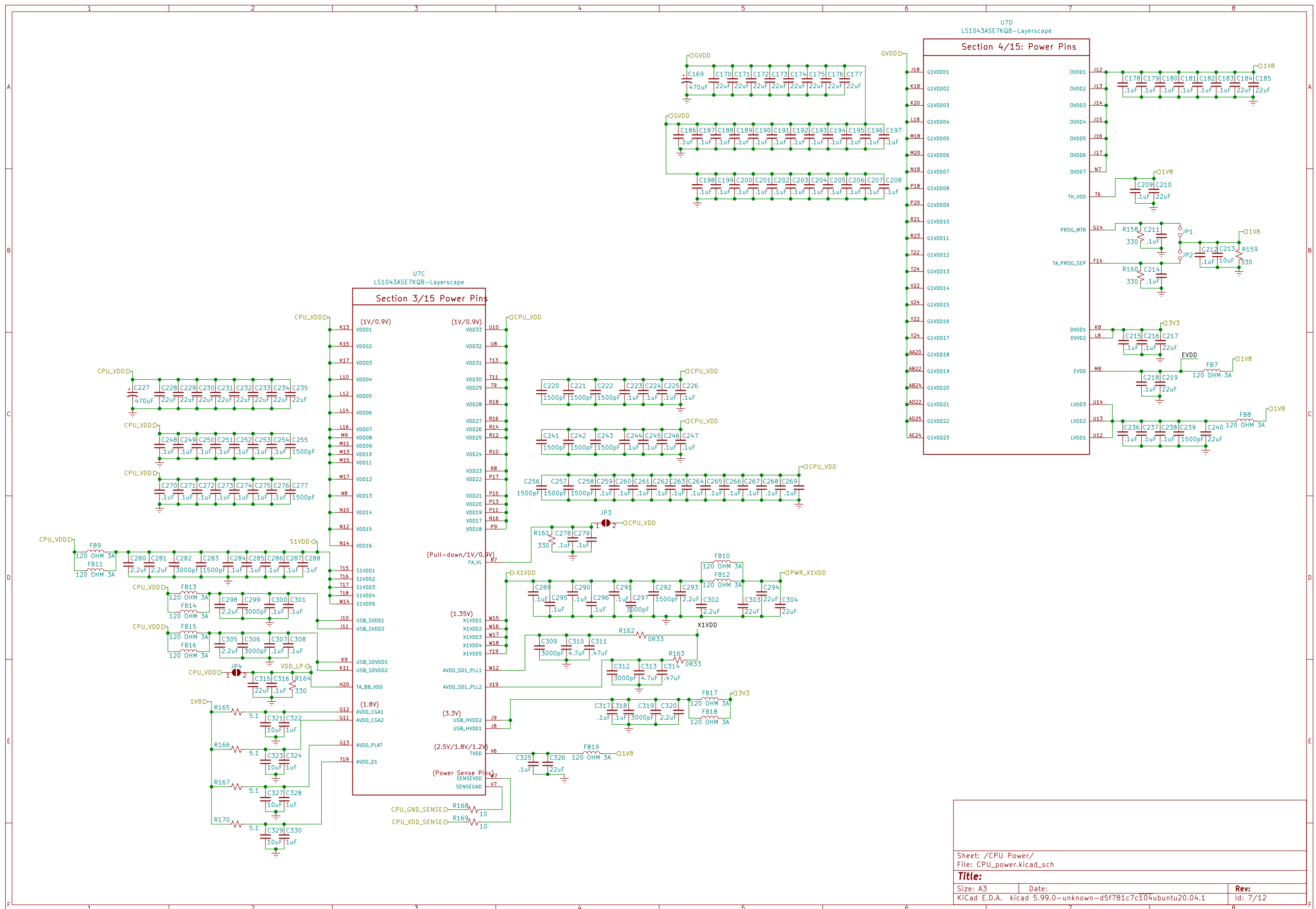
Date:

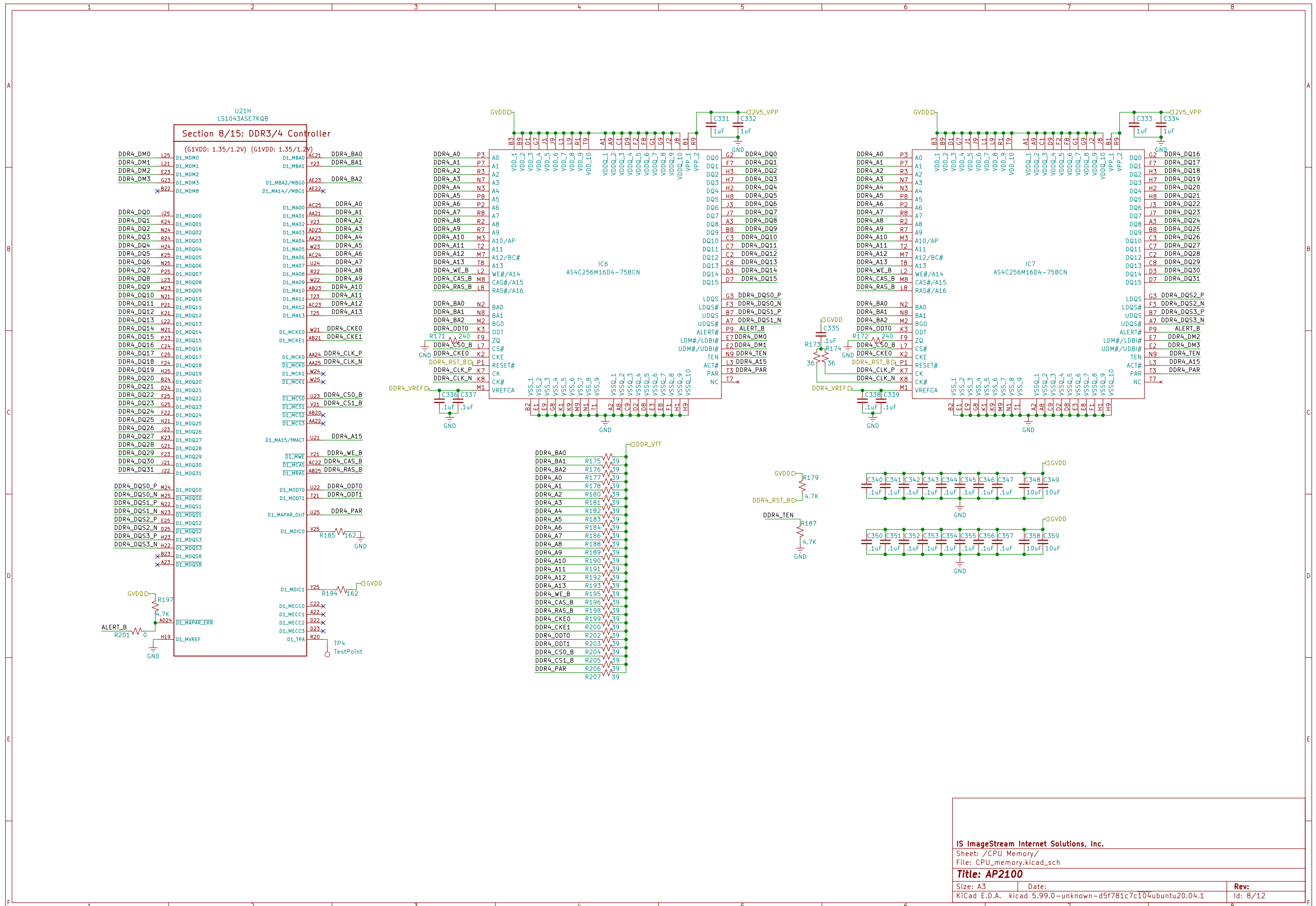
Rev:

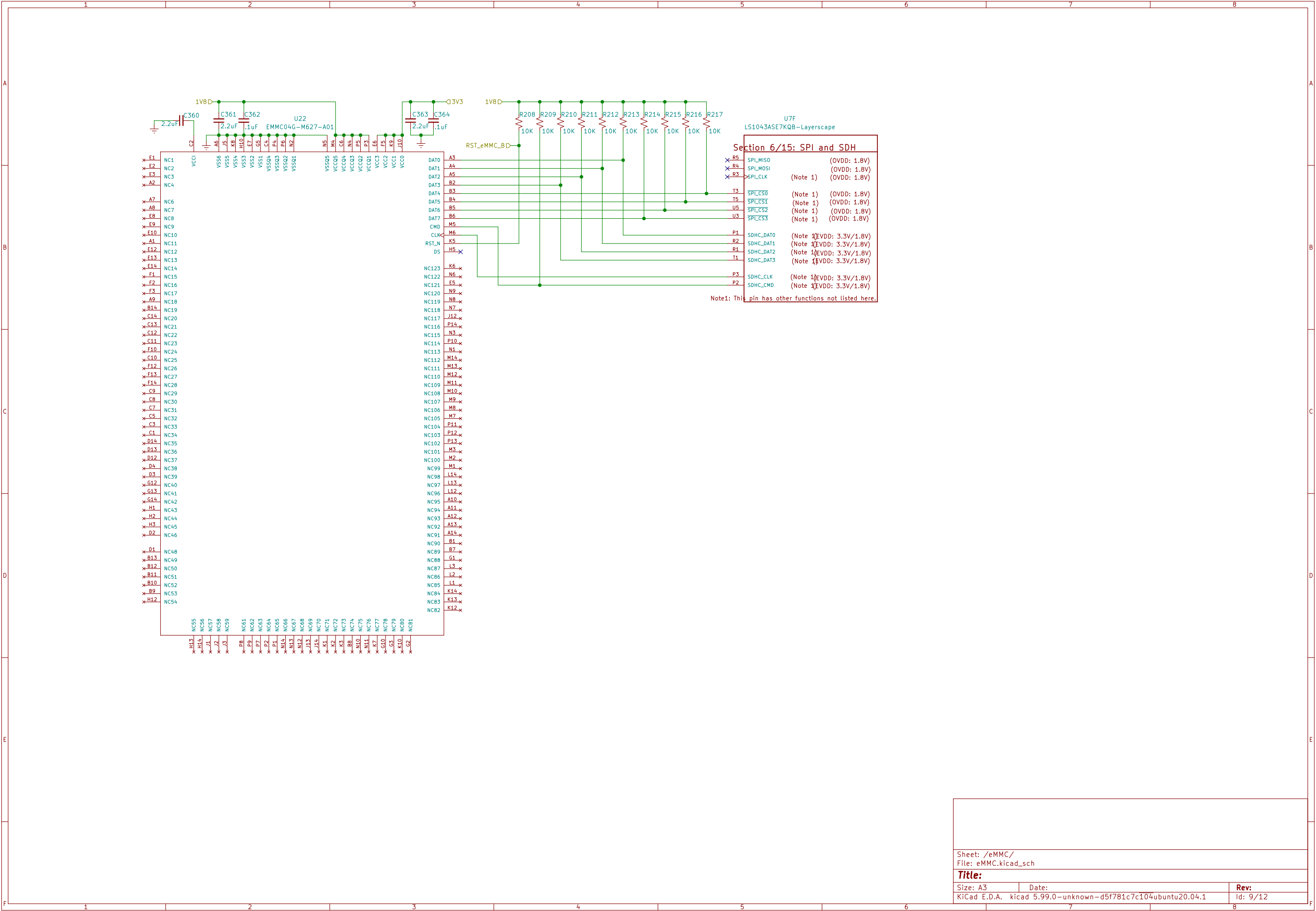
KiCad E.D.A. kicad 5.99.0—unknown—d5f781c7c104ubuntu20.04.1

Id: 4/12









Sheet: /eMMC/
File: eMMC.kicad_sch

Title:

Size: A3

Date:

Rev:

KiCad E.D.A. kicad 5.99.0-unknown-d5f781c7c104ubuntu20.04.1

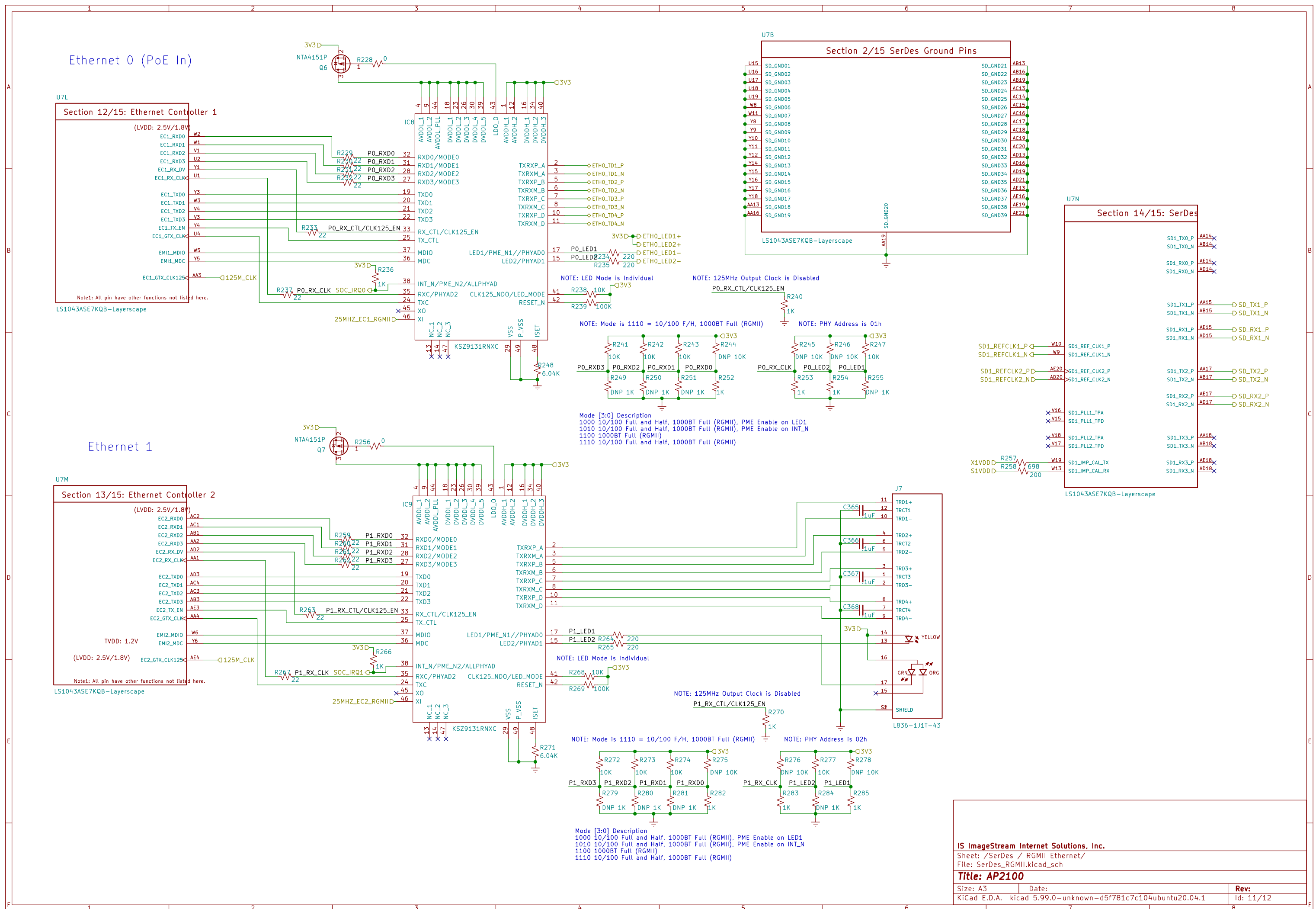
Id: 9/12

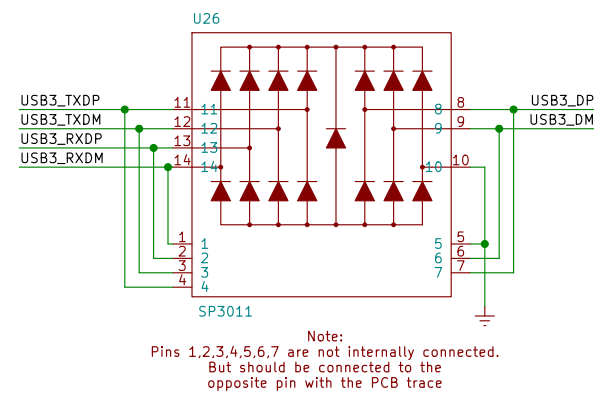
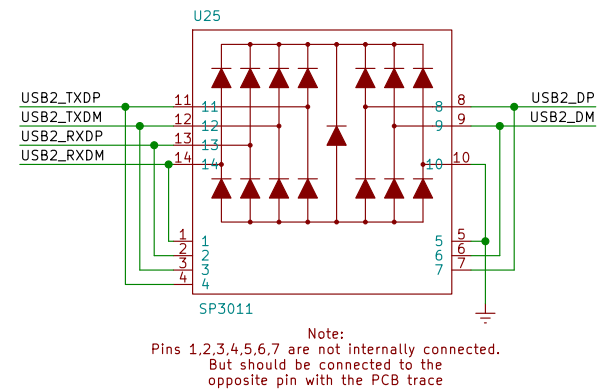
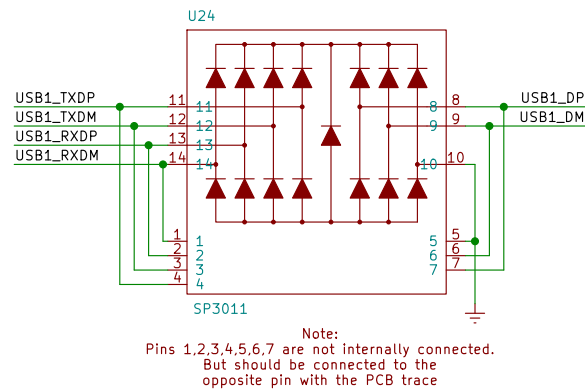
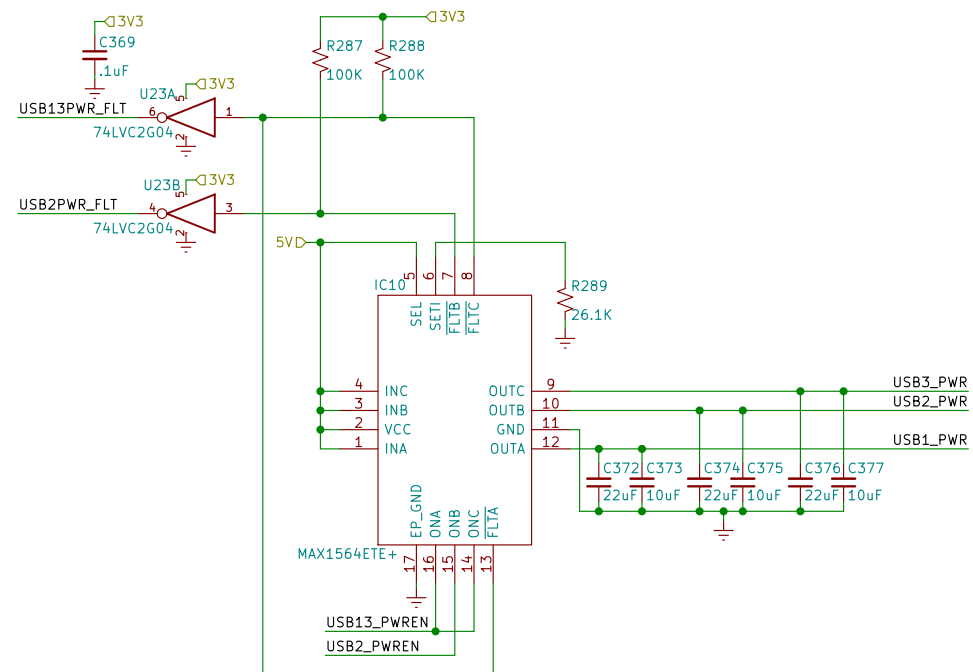
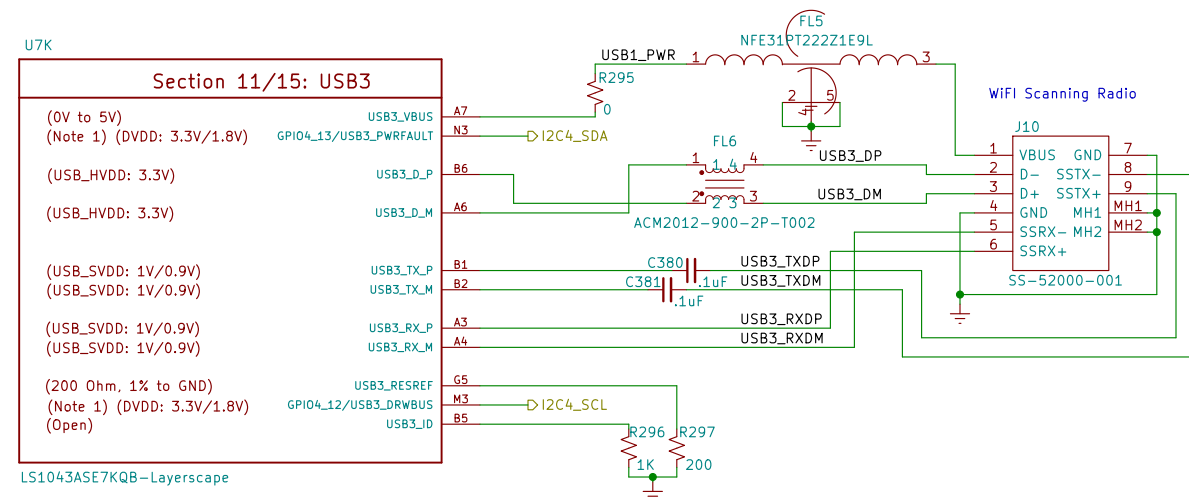
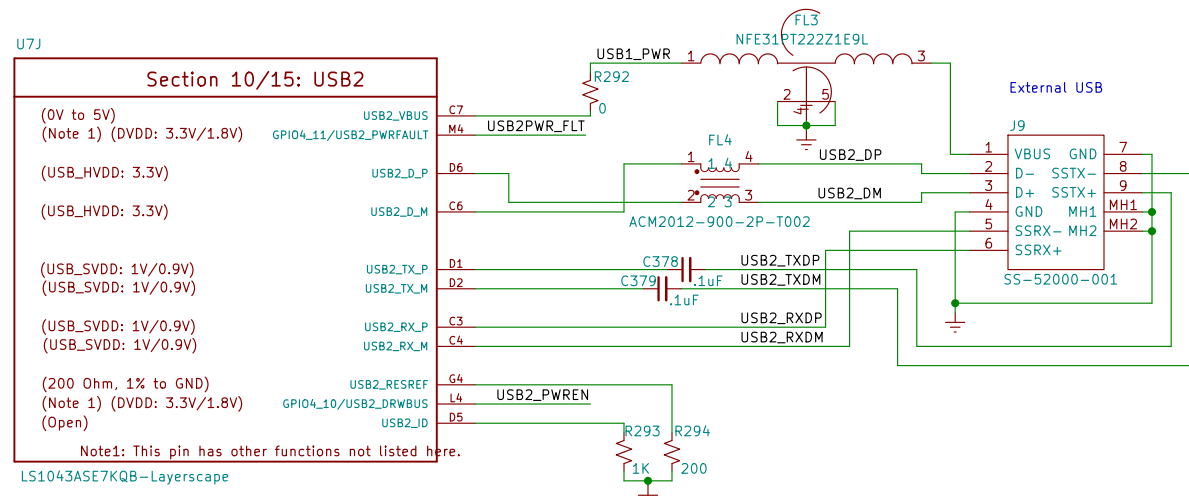
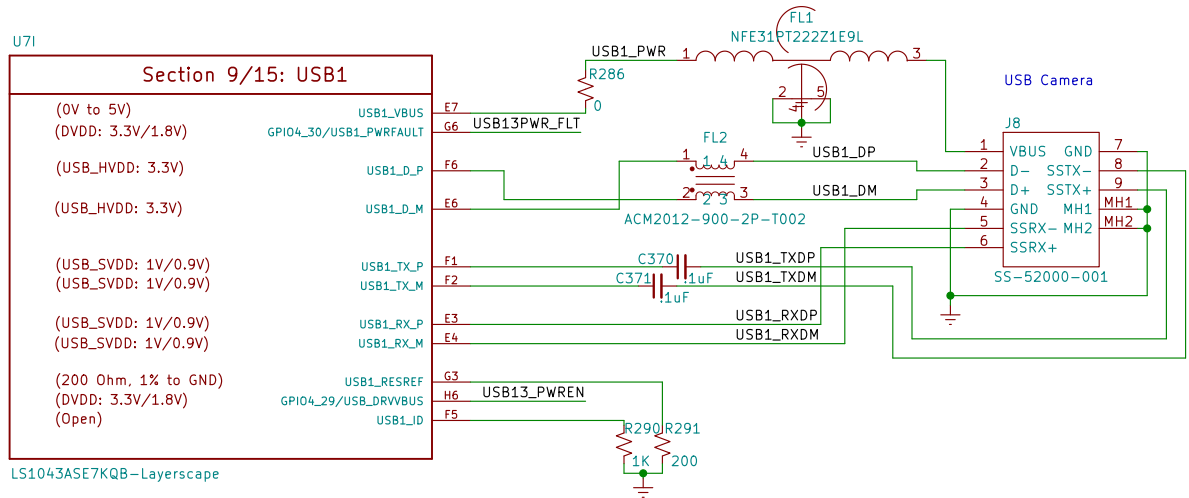
The image displays two PCB layout diagrams for the USB Express Mini module, showing the connection of various components to the module's pins.

Left Diagram (USB Express Mini):

- Power/Ground:**
 - 3V3D (3.3V) is connected to pins 2, 4, 9, 14, 19, 24, 29, 34, 39, 44, 49, 54, 59, 64, 69, 74, 79, 84, 89, 94, 99, 104, 109, 114, 119, 124, 129, 134, 139, 144, 149, 154, 159, 164, 169, 174, 179, 184, 189, 194, 199, 204, 209, 214, 219, 224, 229, 234, 239, 244, 249, 254, 259, 264, 269, 274, 279, 284, 289, 294, 299, 304, 309, 314, 319, 324, 329, 334, 339, 344, 349, 354, 359, 364, 369, 374, 379, 384, 389, 394, 399, 404, 409, 414, 419, 424, 429, 434, 439, 444, 449, 454, 459, 464, 469, 474, 479, 484, 489, 494, 499, 504, 509, 514, 519, 524, 529, 534, 539, 544, 549, 554, 559, 564, 569, 574, 579, 584, 589, 594, 599, 604, 609, 614, 619, 624, 629, 634, 639, 644, 649, 654, 659, 664, 669, 674, 679, 684, 689, 694, 699, 704, 709, 714, 719, 724, 729, 734, 739, 744, 749, 754, 759, 764, 769, 774, 779, 784, 789, 794, 799, 804, 809, 814, 819, 824, 829, 834, 839, 844, 849, 854, 859, 864, 869, 874, 879, 884, 889, 894, 899, 904, 909, 914, 919, 924, 929, 934, 939, 944, 949, 954, 959, 964, 969, 974, 979, 984, 989, 994, 999, 1004, 1009, 1014, 1019, 1024, 1029, 1034, 1039, 1044, 1049, 1054, 1059, 1064, 1069, 1074, 1079, 1084, 1089, 1094, 1099, 1104, 1109, 1114, 1119, 1124, 1129, 1134, 1139, 1144, 1149, 1154, 1159, 1164, 1169, 1174, 1179, 1184, 1189, 1194, 1199, 1204, 1209, 1214, 1219, 1224, 1229, 1234, 1239, 1244, 1249, 1254, 1259, 1264, 1269, 1274, 1279, 1284, 1289, 1294, 1299, 1304, 1309, 1314, 1319, 1324, 1329, 1334, 1339, 1344, 1349, 1354, 1359, 1364, 1369, 1374, 1379, 1384, 1389, 1394, 1399, 1404, 1409, 1414, 1419, 1424, 1429, 1434, 1439, 1444, 1449, 1454, 1459, 1464, 1469, 1474, 1479, 1484, 1489, 1494, 1499, 1504, 1509, 1514, 1519, 1524, 1529, 1534, 1539, 1544, 1549, 1554, 1559, 1564, 1569, 1574, 1579, 1584, 1589, 1594, 1599, 1604, 1609, 1614, 1619, 1624, 1629, 1634, 1639, 1644, 1649, 1654, 1659, 1664, 1669, 1674, 1679, 1684, 1689, 1694, 1699, 1704, 1709, 1714, 1719, 1724, 1729, 1734, 1739, 1744, 1749, 1754, 1759, 1764, 1769, 1774, 1779, 1784, 1789, 1794, 1799, 1804, 1809, 1814, 1819, 1824, 1829, 1834, 1839, 1844, 1849, 1854, 1859, 1864, 1869, 1874, 1879, 1884, 1889, 1894, 1899, 1904, 1909, 1914, 1919, 1924, 1929, 1934, 1939, 1944, 1949, 1954, 1959, 1964, 1969, 1974, 1979, 1984, 1989, 1994, 1999, 2004, 2009, 2014, 2019, 2024, 2029, 2034, 2039, 2044, 2049, 2054, 2059, 2064, 2069, 2074, 2079, 2084, 2089, 2094, 2099, 2104, 2109, 2114, 2119, 2124, 2129, 2134, 2139, 2144, 2149, 2154, 2159, 2164, 2169, 2174, 2179, 2184, 2189, 2194, 2199, 2204, 2209, 2214, 2219, 2224, 2229, 2234, 2239, 2244, 2249, 2254, 2259, 2264, 2269, 2274, 2279, 2284, 2289, 2294, 2299, 2304, 2309, 2314, 2319, 2324, 2329, 2334, 2339, 2344, 2349, 2354, 2359, 2364, 2369, 2374, 2379, 2384, 2389, 2394, 2399, 2404, 2409, 2414, 2419, 2424, 2429, 2434, 2439, 2444, 2449, 2454, 2459, 2464, 2469, 2474, 2479, 2484, 2489, 2494, 2499, 2504, 2509, 2514, 2519, 2524, 2529, 2534, 2539, 2544, 2549, 2554, 2559, 2564, 2569, 2574, 2579, 2584, 2589, 2594, 2599, 2604, 2609, 2614, 2619, 2624, 2629, 2634, 2639, 2644, 2649, 2654, 2659, 2664, 2669, 2674, 2679, 2684, 2689, 2694, 2699, 2704, 2709, 2714, 2719, 2724, 2729, 2734, 2739, 2744, 2749, 2754, 2759, 2764, 2769, 2774, 2779, 2784, 2789, 2794, 2799, 2804, 2809, 2814, 2819, 2824, 2829, 2834, 2839, 2844, 2849, 2854, 2859, 2864, 2869, 2874, 2879, 2884, 2889, 2894, 2899, 2904, 2909, 2914, 2919, 2924, 2929, 2934, 2939, 2944, 2949, 2954, 2959, 2964, 2969, 2974, 2979, 2984, 2989, 2994, 2999, 3004, 3009, 3014, 3019, 3024, 3029, 3034, 3039, 3044, 3049, 3054, 3059, 3064, 3069, 3074, 3079, 3084, 3089, 3094, 3099, 3104, 3109, 3114, 3119, 3124, 3129, 3134, 3139, 3144, 3149, 3154, 3159, 3164, 3169, 3174, 3179, 3184, 3189, 3194, 3199, 3204, 3209, 3214, 3219, 3224, 3229, 3234, 3239, 3244, 3249, 3254, 3259, 3264, 3269, 3274, 3279, 3284, 3289, 3294, 3299, 3304, 3309, 3314, 3319, 3324, 3329, 3334, 3339, 3344, 3349, 3354, 3359, 3364, 3369, 3374, 3379, 3384, 3389, 3394, 3399, 3404, 3409, 3414, 3419, 3424, 3429, 3434, 3439, 3444, 3449, 3454, 3459, 3464,

Size: A3	Date:	Rev:
KiCad E.D.A. kicad 5.99.0-unknown-d5f781c7c104ubuntu20.04.1		Id: 10/12





IS ImageStream Internet Solutions, Inc.

Sheet: /USB/
File: USB.kicad_sch

Title: AP2100

Size: A3 Date: Rev:
KiCad E.D.A. kicad 5.99.0-unknown-d5f781c7c104ubuntu20.04.1 Id: 12/12