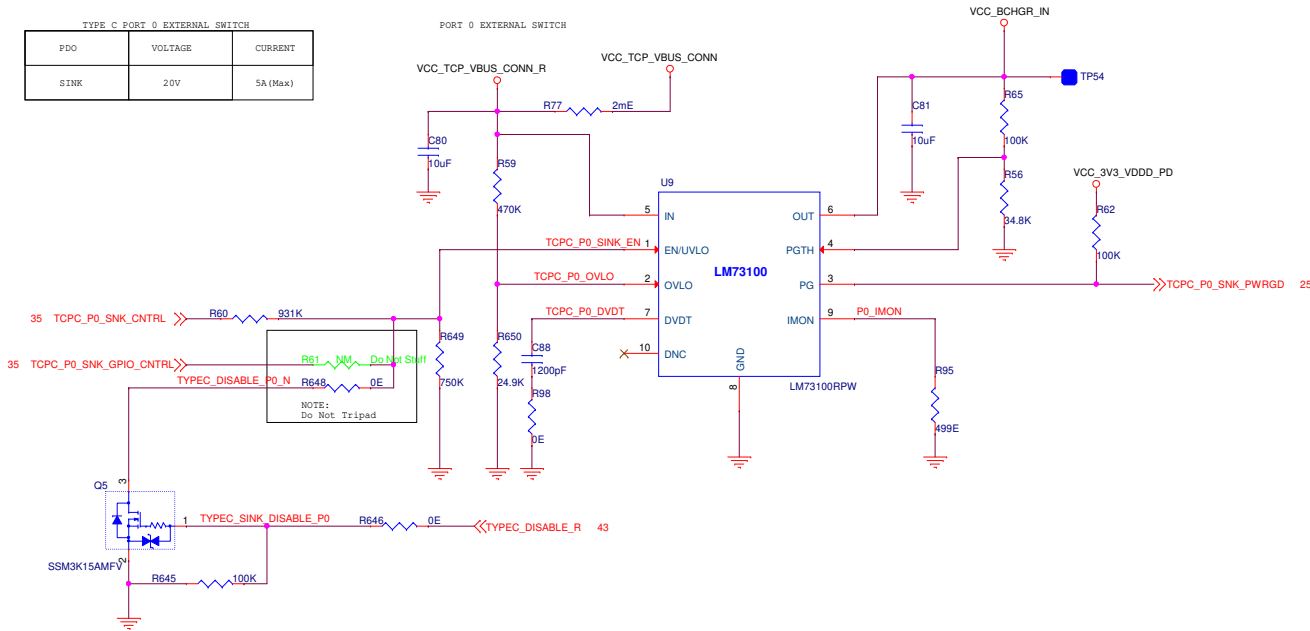


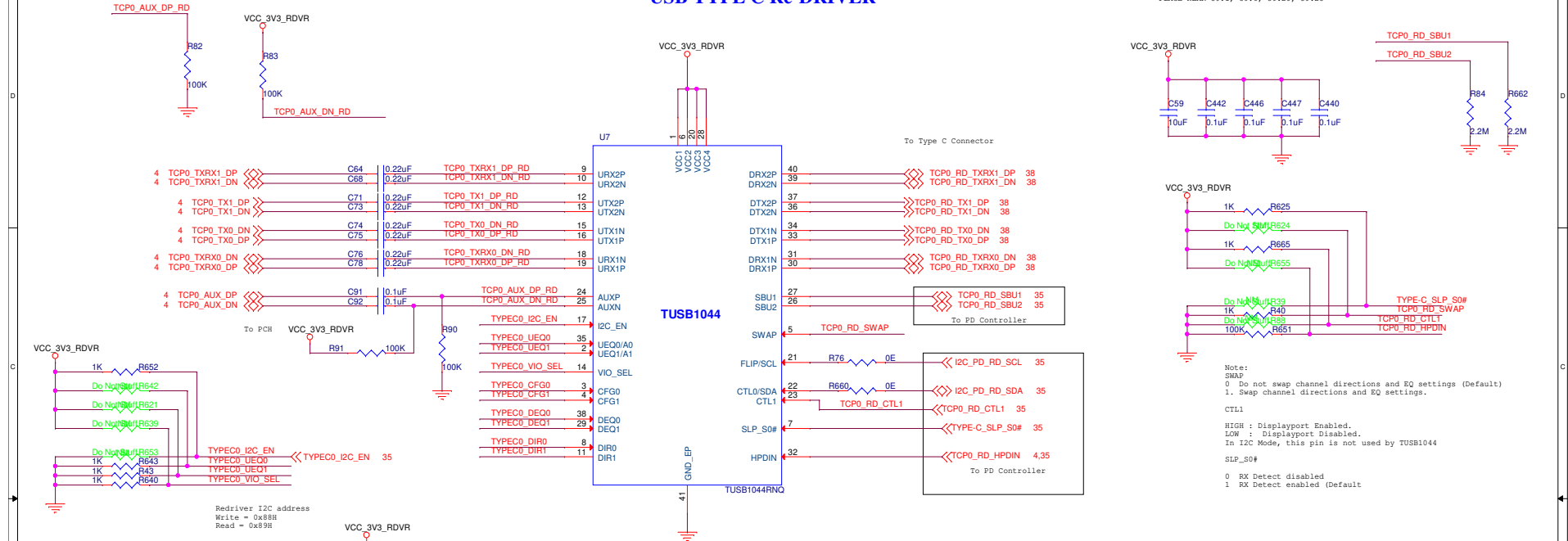
TYPEC0_EXTERNAL_SWITCH & Pro

PDO	VOLTAGE	CURRENT
SINK	20V	5A (Max)



USB TYPE C Re-DRIVER

NOTE:
PLACE NEAR U9.1, U9.6, U9.20, U9.28



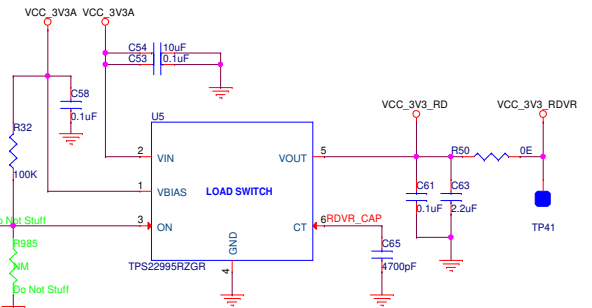
RETIMER POWER GATE

Note:
I2C EN:
HIGH: I2C enabled
LOW: GPIO Mode, Aux Snoop Enabled. (I2C disabled)
R: T1 Test Mode (I2C enabled);
F: GPIO Mode, Aux Snoop Disabled. (I2C disabled)

Note:
VIO_SEL:
HIGH: 1.8V configuration I/O voltage, 1.8V I2C interface.
LOW: 3.3V configuration I/O voltage, 3.3V I2C interface (Default)
R: 3.3V configuration I/O voltage, 1.8V I2C interface.
F: 1.8V configuration I/O voltage, 3.3V I2C interface.

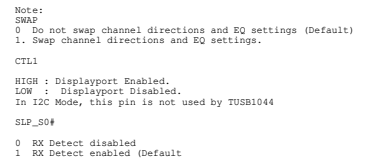
Note:
This pin along with DEQ0 sets the high-frequency equalizer gain for downstream facing DRX1, DRX2, DTX1, DTX2 receivers
CFG0. This pin along with CFG1 will select VOD linearity range and DC gain for all the downstream and upstream channels

Note:
DIR0:
0 - Source Side (DPP) Alt Mode format
1 - Sink Side (UFP) Alt Mode format
DIR1:
0 - DisplayPort Alt Mode format
1 - Custom Alt Mode format



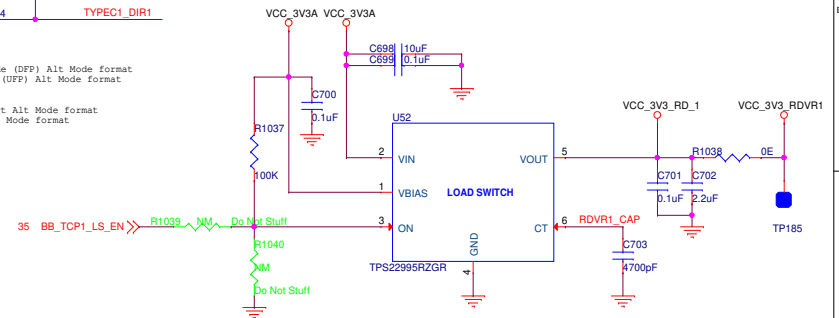
U9.1 (Pin Level)	U9.2 (Pin Level)	U9.3 (Pin Level)	U9.4 (Pin Level)	U9.5 (Pin Level)	U9.6 (Pin Level)	U9.7 (Pin Level)	U9.8 (Pin Level)	U9.9 (Pin Level)	U9.10 (Pin Level)	U9.11 (Pin Level)	U9.12 (Pin Level)	U9.13 (Pin Level)	U9.14 (Pin Level)	U9.15 (Pin Level)	U9.16 (Pin Level)	U9.17 (Pin Level)	U9.18 (Pin Level)	U9.19 (Pin Level)	U9.20 (Pin Level)	U9.21 (Pin Level)	U9.22 (Pin Level)	U9.23 (Pin Level)	U9.24 (Pin Level)	U9.25 (Pin Level)	U9.26 (Pin Level)	U9.27 (Pin Level)	U9.28 (Pin Level)	U9.29 (Pin Level)	U9.30 (Pin Level)	U9.31 (Pin Level)	U9.32 (Pin Level)	U9.33 (Pin Level)	U9.34 (Pin Level)	U9.35 (Pin Level)	U9.36 (Pin Level)	U9.37 (Pin Level)	U9.38 (Pin Level)	U9.39 (Pin Level)	U9.40 (Pin Level)	U9.41 (Pin Level)	U9.42 (Pin Level)	U9.43 (Pin Level)	U9.44 (Pin Level)	U9.45 (Pin Level)	U9.46 (Pin Level)	U9.47 (Pin Level)	U9.48 (Pin Level)	U9.49 (Pin Level)	U9.50 (Pin Level)	U9.51 (Pin Level)	U9.52 (Pin Level)	U9.53 (Pin Level)	U9.54 (Pin Level)	U9.55 (Pin Level)	U9.56 (Pin Level)	U9.57 (Pin Level)	U9.58 (Pin Level)	U9.59 (Pin Level)	U9.60 (Pin Level)	U9.61 (Pin Level)	U9.62 (Pin Level)	U9.63 (Pin Level)	U9.64 (Pin Level)	U9.65 (Pin Level)	U9.66 (Pin Level)	U9.67 (Pin Level)	U9.68 (Pin Level)	U9.69 (Pin Level)	U9.70 (Pin Level)	U9.71 (Pin Level)	U9.72 (Pin Level)	U9.73 (Pin Level)	U9.74 (Pin Level)	U9.75 (Pin Level)	U9.76 (Pin Level)	U9.77 (Pin Level)	U9.78 (Pin Level)	U9.79 (Pin Level)	U9.80 (Pin Level)	U9.81 (Pin Level)	U9.82 (Pin Level)	U9.83 (Pin Level)	U9.84 (Pin Level)	U9.85 (Pin Level)	U9.86 (Pin Level)	U9.87 (Pin Level)	U9.88 (Pin Level)	U9.89 (Pin Level)	U9.90 (Pin Level)	U9.91 (Pin Level)	U9.92 (Pin Level)	U9.93 (Pin Level)	U9.94 (Pin Level)	U9.95 (Pin Level)	U9.96 (Pin Level)	U9.97 (Pin Level)	U9.98 (Pin Level)	U9.99 (Pin Level)	U9.100 (Pin Level)	U9.101 (Pin Level)	U9.102 (Pin Level)	U9.103 (Pin Level)	U9.104 (Pin Level)	U9.105 (Pin Level)	U9.106 (Pin Level)	U9.107 (Pin Level)	U9.108 (Pin Level)	U9.109 (Pin Level)	U9.110 (Pin Level)	U9.111 (Pin Level)	U9.112 (Pin Level)	U9.113 (Pin Level)	U9.114 (Pin Level)	U9.115 (Pin Level)	U9.116 (Pin Level)	U9.117 (Pin Level)	U9.118 (Pin Level)	U9.119 (Pin Level)	U9.120 (Pin Level)	U9.121 (Pin Level)	U9.122 (Pin Level)	U9.123 (Pin Level)	U9.124 (Pin Level)	U9.125 (Pin Level)	U9.126 (Pin Level)	U9.127 (Pin Level)	U9.128 (Pin Level)	U9.129 (Pin Level)	U9.130 (Pin Level)	U9.131 (Pin Level)	U9.132 (Pin Level)	U9.133 (Pin Level)	U9.134 (Pin Level)	U9.135 (Pin Level)	U9.136 (Pin Level)	U9.137 (Pin Level)	U9.138 (Pin Level)	U9.139 (Pin Level)	U9.140 (Pin Level)	U9.141 (Pin Level)	U9.142 (Pin Level)	U9.143 (Pin Level)	U9.144 (Pin Level)	U9.145 (Pin Level)	U9.146 (Pin Level)	U9.147 (Pin Level)	U9.148 (Pin Level)	U9.149 (Pin Level)	U9.150 (Pin Level)	U9.151 (Pin Level)	U9.152 (Pin Level)	U9.153 (Pin Level)	U9.154 (Pin Level)	U9.155 (Pin Level)	U9.156 (Pin Level)	U9.157 (Pin Level)	U9.158 (Pin Level)	U9.159 (Pin Level)	U9.160 (Pin Level)	U9.161 (Pin Level)	U9.162 (Pin Level)	U9.163 (Pin Level)	U9.164 (Pin Level)	U9.165 (Pin Level)	U9.166 (Pin Level)	U9.167 (Pin Level)	U9.168 (Pin Level)	U9.169 (Pin Level)	U9.170 (Pin Level)	U9.171 (Pin Level)	U9.172 (Pin Level)	U9.173 (Pin Level)	U9.174 (Pin Level)	U9.175 (Pin Level)	U9.176 (Pin Level)	U9.177 (Pin Level)	U9.178 (Pin Level)	U9.179 (Pin Level)	U9.180 (Pin Level)	U9.181 (Pin Level)	U9.182 (Pin Level)	U9.183 (Pin Level)	U9.184 (Pin Level)	U9.185 (Pin Level)	U9.186 (Pin Level)	U9.187 (Pin Level)	U9.188 (Pin Level)	U9.189 (Pin Level)	U9.190 (Pin Level)	U9.191 (Pin Level)	U9.192 (Pin Level)	U9.193 (Pin Level)	U9.194 (Pin Level)	U9.195 (Pin Level)	U9.196 (Pin Level)	U9.197 (Pin Level)	U9.198 (Pin Level)	U9.199 (Pin Level)	U9.200 (Pin Level)	U9.201 (Pin Level)	U9.202 (Pin Level)	U9.203 (Pin Level)	U9.204 (Pin Level)	U9.205 (Pin Level)	U9.206 (Pin Level)	U9.207 (Pin Level)	U9.208 (Pin Level)	U9.209 (Pin Level)	U9.210 (Pin Level)	U9.211 (Pin Level)	U9.212 (Pin Level)	U9.213 (Pin Level)	U9.214 (Pin Level)	U9.215 (Pin Level)	U9.216 (Pin Level)	U9.217 (Pin Level)	U9.218 (Pin Level)	U9.219 (Pin Level)	U9.220 (Pin Level)	U9.221 (Pin Level)	U9.222 (Pin Level)	U9.223 (Pin Level)	U9.224 (Pin Level)	U9.225 (Pin Level)	U9.226 (Pin Level)	U9.227 (Pin Level)	U9.228 (Pin Level)	U9.229 (Pin Level)	U9.230 (Pin Level)	U9.231 (Pin Level)	U9.232 (Pin Level)	U9.233 (Pin Level)	U9.234 (Pin Level)	U9.235 (Pin Level)	U9.236 (Pin Level)	U9.237 (Pin Level)	U9.238 (Pin Level)	U9.239 (Pin Level)	U9.240 (Pin Level)	U9.241 (Pin Level)	U9.242 (Pin Level)	U9.243 (Pin Level)	U9.244 (Pin Level)	U9.245 (Pin Level)	U9.246 (Pin Level)	U9.247 (Pin Level)	U9.248 (Pin Level)	U9.249 (Pin Level)	U9.250 (Pin Level)	U9.251 (Pin Level)	U9.252 (Pin Level)	U9.253 (Pin Level)	U9.254 (Pin Level)	U9.255 (Pin Level)	U9.256 (Pin Level)	U9.257 (Pin Level)	U9.258 (Pin Level)	U9.259 (Pin Level)	U9.260 (Pin Level)	U9.261 (Pin Level)	U9.262 (Pin Level)	U9.263 (Pin Level)	U9.264 (Pin Level)	U9.265 (Pin Level)	U9.266 (Pin Level)	U9.267 (Pin Level)	U9.268 (Pin Level)	U9.269 (Pin Level)	U9.270 (Pin Level)	U9.271 (Pin Level)	U9.272 (Pin Level)	U9.273 (Pin Level)	U9.274 (Pin Level)	U9.275 (Pin Level)	U9.276 (Pin Level)	U9.277 (Pin Level)	U9.278 (Pin Level)	U9.279 (Pin Level)	U9.280 (Pin Level)	U9.281 (Pin Level)	U9.282 (Pin Level)	U9.283 (Pin Level)	U9.284 (Pin Level)	U9.285 (Pin Level)	U9.286 (Pin Level)	U9.287 (Pin Level)	U9.288 (Pin Level)	U9.289 (Pin Level)	U9.290 (Pin Level)	U9.291 (Pin Level)	U9.292 (Pin Level)	U9.293 (Pin Level)	U9.294 (Pin Level)	U9.295 (Pin Level)	U9.296 (Pin Level)	U9.297 (Pin Level)	U9.298 (Pin Level)	U9.299 (Pin Level)	U9.300 (Pin Level)	U9.301 (Pin Level)	U9.302 (Pin Level)	U9.303 (Pin Level)	U9.304 (Pin Level)	U9.305 (Pin Level)	U9.306 (Pin Level)	U9.307 (Pin Level)	U9.308 (Pin Level)	U9.309 (Pin Level)	U9.310 (Pin Level)	U9.311 (Pin Level)	U9.312 (Pin Level)	U9.313 (Pin Level)	U9.314 (Pin Level)	U9.315 (Pin Level)	U9.316 (Pin Level)	U9.317 (Pin Level)	U9.318 (Pin Level)	U9.319 (Pin Level)	U9.320 (Pin Level)	U9.321 (Pin Level)	U9.322 (Pin Level)	U9.323 (Pin Level)	U9.324 (Pin Level)	U9.325 (Pin Level)	U9.326 (Pin Level)	U9.327 (Pin Level)	U9.328 (Pin Level)	U9.329 (Pin Level)	U9.330 (Pin Level)	U9.331 (Pin Level)	U9.332 (Pin Level)	U9.333 (Pin Level)	U9.334 (Pin Level)	U9.335 (Pin Level)	U9.336 (Pin Level)	U9.337 (Pin Level)	U9.338 (Pin Level)	U9.339 (Pin Level)	U9.340 (Pin Level)	U9.341 (Pin Level)	U9.342 (Pin Level)	U9.343 (Pin Level)	U9.344 (Pin Level)	U9.345 (Pin Level)	U9.346 (Pin Level)	U9.347 (Pin Level)	U9.348 (Pin Level)	U9.349 (Pin Level)	U9.350 (Pin Level)	U9.351 (Pin Level)	U9.352 (Pin Level)	U9.353 (Pin Level)	U9.354 (Pin Level)	U9.355 (Pin Level)	U9.356 (Pin Level)	U9.357 (Pin Level)	U9.358 (Pin Level)	U9.359 (Pin Level)	U9.360 (Pin Level)	U9.361 (Pin Level)	U9.362 (Pin Level)	U9.363 (Pin Level)	U9.364 (Pin Level)	U9.365 (Pin Level)	U9.366 (Pin Level)	U9.367 (Pin Level)	U9.368 (Pin Level)	U9.369 (Pin Level)	U9.370 (Pin Level)	U9.371 (Pin Level)	U9.372 (Pin Level)	U9.373 (Pin Level)	U9.374 (Pin Level)	U9.375 (Pin Level)	U9.376 (Pin Level)	U9.377 (Pin Level)	U9.378 (Pin Level)	U9.379 (Pin Level)	U9.380 (Pin Level)	U9.381 (Pin Level)	U9.382 (Pin Level)	U9.383 (Pin Level)	U9.384 (Pin Level)	U9.385 (Pin Level)	U9.386 (Pin Level)	U9.387 (Pin Level)	U9.388 (Pin Level)	U9.389 (Pin Level)	U9.390 (Pin Level)	U9.391 (Pin Level)	U9.392 (Pin Level)	U9.393 (Pin Level)	U9.394 (Pin Level)	U9.395 (Pin Level)	U9.396 (Pin Level)	U9.397 (Pin Level)	U9.398 (Pin Level)	U9.399 (Pin Level)	U9.400 (Pin Level)	U9.401 (Pin Level)	U9.402 (Pin Level)	U9.403 (Pin Level)	U9.404 (Pin Level)	U9.405 (Pin Level)	U9.406 (Pin Level)	U9.407 (Pin Level)	U9.408 (Pin Level)	U9.409 (Pin Level)	U9.410 (Pin Level)	U9.411 (Pin Level)	U9.412 (Pin Level)	U9.413 (Pin Level)	U9.414 (Pin Level)	U9.415 (Pin Level)	U9.416 (Pin Level)	U9.417 (Pin Level)	U9.418 (Pin Level)	U9.419 (Pin Level)	U9.420 (Pin Level)	U9.421 (Pin Level)	U9.422 (Pin Level)	U9.423 (Pin Level)	U9.424 (Pin Level)	U9.425 (Pin Level)	U9.426 (Pin Level)	U9.427 (Pin Level)	U9.428 (Pin Level)	U9.429 (Pin Level)	U9.430 (Pin Level)	U9.431 (Pin Level)	U9.432 (Pin Level)	U9.433 (Pin Level)	U9.434 (Pin Level)	U9.435 (Pin Level)	U9.436 (Pin Level)	U9.437 (Pin Level)	U9.438 (Pin Level)	U9.439 (Pin Level)	U9.440 (Pin Level)	U9.441 (Pin Level)	U9.442 (Pin Level)	U9.443 (Pin Level)	U9.444 (Pin Level)	U9.445 (Pin Level)	U9.446 (Pin Level)	U9.447 (Pin Level)	U9.448 (Pin Level)	U9.449 (Pin Level)	U9.450 (Pin Level)	U9.451 (Pin Level)	U9.452 (Pin Level)	U9.453 (Pin Level)	U9.454 (Pin Level)	U9.455 (Pin Level)	U9.456 (Pin Level)	U9.457 (Pin Level)	U9.458 (Pin Level)	U9.459 (Pin Level)	U9.460 (Pin Level)	U9.461 (Pin Level)	U9.462 (Pin Level)	U9.463 (Pin Level)	U9.464 (Pin Level)	U9.465 (Pin Level)	U9.466 (Pin Level)	U9.467 (Pin Level)	U9.468 (Pin Level)	U9.469 (Pin Level)	U9.470 (Pin Level)	U9.471 (Pin Level)	U9.472 (Pin Level)	U9.473 (Pin Level)	U9.474 (Pin Level)	U9.475 (Pin Level)	U9.476 (Pin Level)	U9.477 (Pin Level)	U9.478 (Pin Level)	U9.479 (Pin Level)	U9.480 (Pin Level)	U9.481 (Pin Level)	U9.482 (Pin Level)	U9.483 (Pin Level)	U9.484 (Pin Level)	U9.485 (Pin Level)	U9.486 (Pin Level)	U9.487 (Pin Level)	U9.488 (Pin Level)	U9.489 (Pin Level)	U9.490 (Pin Level)	U9.491 (Pin Level)	U9.492 (Pin Level)	U9.493 (Pin Level)	U9.494 (Pin Level)	U9.495 (Pin Level)	U9.496 (Pin Level)	U9.497 (Pin Level)	U9.498 (Pin Level)	U9.499 (Pin Level)	U9.500 (Pin Level)	U9.501 (Pin Level)	U9.502 (Pin Level)	U9.503 (Pin Level)	U9.504 (Pin Level)	U9.505 (Pin Level)	U9.506 (Pin Level)	U9.507 (Pin Level)	U9.508 (Pin Level)	U9.509 (Pin Level)	U9.510 (Pin Level)	U9.511 (Pin Level)	U9.512 (Pin Level)	U9.513 (Pin Level)	U9.514 (Pin Level)	U9.515 (Pin Level)	U9.516 (Pin Level)	U9.517 (Pin Level)	U9.518 (Pin Level)	U9.519 (Pin Level)	U9.520 (Pin Level)	U9.521 (Pin Level)	U9.522 (Pin Level)	U9.523 (Pin Level)	U9.524 (Pin Level)	U9.525 (Pin Level)	U9.526 (Pin Level)	U9.527 (Pin Level)	U9.528 (Pin Level)	U9.529 (Pin Level)	U9.530 (Pin Level)	U9.531 (Pin Level)	U9.532 (Pin Level)	U9.533 (Pin Level)	U9.534 (Pin Level)	U9.535 (Pin Level)	U9.536 (Pin Level)	U9.537 (Pin Level)	U9.538 (Pin Level)	U9.539 (Pin Level)	U9.540 (Pin Level)	U9.541 (Pin Level)	U9.542 (Pin Level)	U9.543 (Pin Level)	U9.544 (Pin Level)	U9.545 (Pin Level)	U9.546 (Pin Level)	U9.547 (Pin Level)	U9.548 (Pin Level)	U9.549 (Pin Level)	U9.550 (Pin Level)	U9.551 (Pin Level)	U9.552 (Pin Level)	U9.553 (Pin Level)	U9.554 (Pin Level)	U9.555 (Pin Level)	U9.556 (Pin Level)	U9.557 (Pin Level)	U9.558 (Pin Level)	U9.559 (Pin Level)	U9.560 (Pin Level)	U9.561 (Pin Level)	U9.562 (Pin Level)	U9.563 (Pin Level)	U9.564 (Pin Level)	U9.565 (Pin Level)	U9.566 (Pin Level)	U9.567 (Pin Level)	U9.568 (Pin Level)	U9.569 (Pin Level)	U9.570 (Pin Level)	U9.571 (Pin Level)	U9.572 (Pin Level)	U9.573 (Pin Level)	U9.574 (Pin Level)	U9.575 (Pin Level)	U9.576 (Pin Level)	U9.577 (Pin Level)	U9.578 (Pin Level)	U9.579 (Pin Level)	U9.580 (Pin Level)	U9.581 (Pin Level)	U9.582 (Pin Level)	U9.583 (Pin Level)	U9.584 (Pin Level)	U9.585 (Pin Level)	U9.586 (Pin Level)	U9.587 (Pin Level)	U9.588 (Pin Level)	U9.589 (Pin Level)	U9.590 (Pin Level)	U9.591 (Pin Level)	U9.592 (Pin Level)	U9.593 (Pin Level)	U9.594 (Pin Level)	U9.595 (Pin Level)	U9.596 (Pin Level)	U9.597 (Pin Level)	U9.598 (Pin Level)	U9.599 (Pin Level)	U9.600 (Pin Level)	U9.601 (Pin Level)	U9.602 (Pin Level)	U9.603 (Pin Level)	U9.604 (Pin Level)	U9.605 (Pin Level)	U9.606 (Pin Level)	U9.607 (Pin Level)	U9.608 (Pin Level)	U9.609 (Pin Level)	U9.610 (Pin Level)	U9.611 (Pin Level)	U9.612 (Pin Level)	U9.613 (Pin Level)	U9.614 (Pin Level)	U9.615 (Pin Level)	U9.616 (Pin Level)	U9.617 (Pin Level)	U9.618 (Pin Level)	U9.619 (Pin Level)	U9.620 (Pin Level)	U9.621 (Pin Level)	U9.622 (Pin Level)	U9.623 (Pin Level)	U9.624 (Pin Level)	U9.625 (Pin Level)	U9.626 (Pin Level)	U9.627 (Pin Level)	U9.628 (Pin Level)	U9.629 (Pin Level)	U9.630 (Pin Level)	U9.631 (Pin Level)	U9.632 (Pin Level)	U9.633 (Pin Level)	U9.634 (Pin Level)	U9.635 (Pin Level)	U9.636 (Pin Level)	U9.637 (Pin Level)	U9.638 (Pin Level)	U9.639 (Pin Level)	U9.640 (Pin Level)	U9.641 (Pin Level)	U9.642 (Pin Level)	U9.643 (Pin Level)	U9.644 (Pin Level)	U9.645 (Pin Level)	U9.646 (Pin Level)	U9.647 (Pin Level)	U9.648 (Pin Level)	U9.649 (Pin Level)	U9.650 (Pin Level)	U9.651 (Pin Level)	U9.652 (Pin Level)	U9.653 (Pin Level)	U9.654 (Pin Level)	U9.655 (Pin Level)	U9.656 (Pin Level)	U9.657 (Pin Level)	U9.658 (Pin Level)	U9.659 (Pin Level)	U9.660 (Pin Level)	U9.661 (Pin Level)	U9.662 (Pin Level)	U9.663 (Pin Level)	U9.664 (Pin Level)	U9.665 (Pin Level)	U9.666 (Pin Level)	U9.667 (Pin Level)	U9.668 (Pin Level)	U9.669 (Pin Level)	U9.670 (Pin Level)	U9.671 (Pin Level)	U9.672 (Pin Level)	U9.673 (Pin Level)	U9.674 (Pin Level)	U9.675 (Pin Level)	U9.676 (Pin Level)	U9.677 (Pin Level)	U9.678 (Pin Level)	U9.679 (Pin Level)	U9.680 (Pin Level)	U9.681 (Pin Level)	U9.682 (Pin Level)	U9.683 (Pin Level)	U9.684 (Pin Level)	U9.685 (Pin Level)	U9.686 (Pin Level)	U9.687 (Pin Level)	U9.688 (Pin Level)	U9.689 (Pin Level)	U9.690 (Pin Level)	U9.691 (Pin Level)	U9.692 (Pin Level)	U9.693 (Pin Level)	U9.694 (Pin Level)	U9.695 (Pin Level)	U9.696 (Pin Level)	U9.697 (Pin Level)	U9.698 (Pin Level)	U9.699 (Pin Level)	U9.700 (Pin Level)	U9.701 (Pin Level)	U9.702 (Pin Level)	U9.703 (Pin Level)	U9.704 (Pin Level)	U9.705 (Pin Level)	U9.706 (Pin Level)	U9.707 (Pin Level)	U9.708 (Pin Level)	U9.709 (Pin Level)	U9.710 (Pin Level)	U9.711 (Pin Level)	U9.712 (Pin Level)	U9.713 (Pin Level)	U9.714 (Pin Level)	U9.715 (Pin Level)	U9.716 (Pin Level)	U9.717 (Pin Level)	U9.718 (Pin Level)	U9.719 (Pin Level)	U9.720 (Pin Level)	U9.721 (Pin Level)	U9.722 (Pin Level)	U9.723 (Pin Level)	U9.724 (Pin Level)	U9.725 (Pin Level)	U9.726 (Pin Level)	U9.727 (Pin Level)	U9.728 (Pin Level)	U9.729 (Pin Level)	U9.730 (Pin Level)	U9.731 (Pin Level)	U9.732 (Pin Level)	U9.733 (Pin Level)	U9.734 (Pin Level)	U9.735 (Pin Level)	U9.736 (Pin Level)	U9.737 (Pin Level)	U9.738 (Pin Level)	U9.739 (Pin Level)	U9.740 (Pin Level)	U9.741 (Pin Level)	U9.742 (Pin Level)	U9.743 (Pin Level)	U9.744 (Pin Level)	U9.745 (Pin Level)	U9.746 (Pin Level)	U9.747 (Pin Level)	U9.748 (Pin Level)	U9.749 (Pin Level)	U9.750 (Pin Level)	U9.751 (Pin Level)	U9.752 (Pin Level)	U9.753 (Pin Level)	U9.754 (Pin Level)	U9.755 (Pin Level)	U9.756 (Pin Level)	U9.757 (Pin Level)	U9.758 (Pin Level)	U9.759 (Pin Level)	U9.760 (Pin Level)	U9.761 (Pin Level)	U9.762 (Pin Level)	U9.763 (Pin Level)	U9.764 (Pin Level)	U9.765 (Pin Level)	U9.766 (Pin Level)	U9.767 (Pin Level)	U9.768 (Pin Level)	U9.769 (Pin Level)	U9.770 (Pin Level)	U9.771 (Pin Level)	U9.772 (Pin Level)	U9.773 (Pin Level)	U9.774 (Pin Level)	U9.775 (Pin Level)	U9.776 (Pin Level)	U9.777 (Pin Level)	U9.778 (Pin Level)	U9.779 (Pin Level)	U9.780
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NOTE:
PLACE NEAR U9.1, U9.6, U9.20, U9.28



```
Note:
DIRO:
0 - Source Side (DFP) Alt Mode format
1 - Sink Side (UFP) Alt Mode format

DIRI:
0 - DisplayPort Alt Mode format
1 - Custom Alt Mode format
```



A3	Title : TYPEC_REDRIIVER		
Fab No : 501-1-04404			Rev: A1
Asy No : 701-1-05308		Sheet	37 of 58

Type C PD Controller

This schematic diagram illustrates the Type C PD Controller circuit, centered around the CYPD622x IC. The circuit is designed to manage power delivery for a Type C connector, supporting various power profiles and communication protocols.

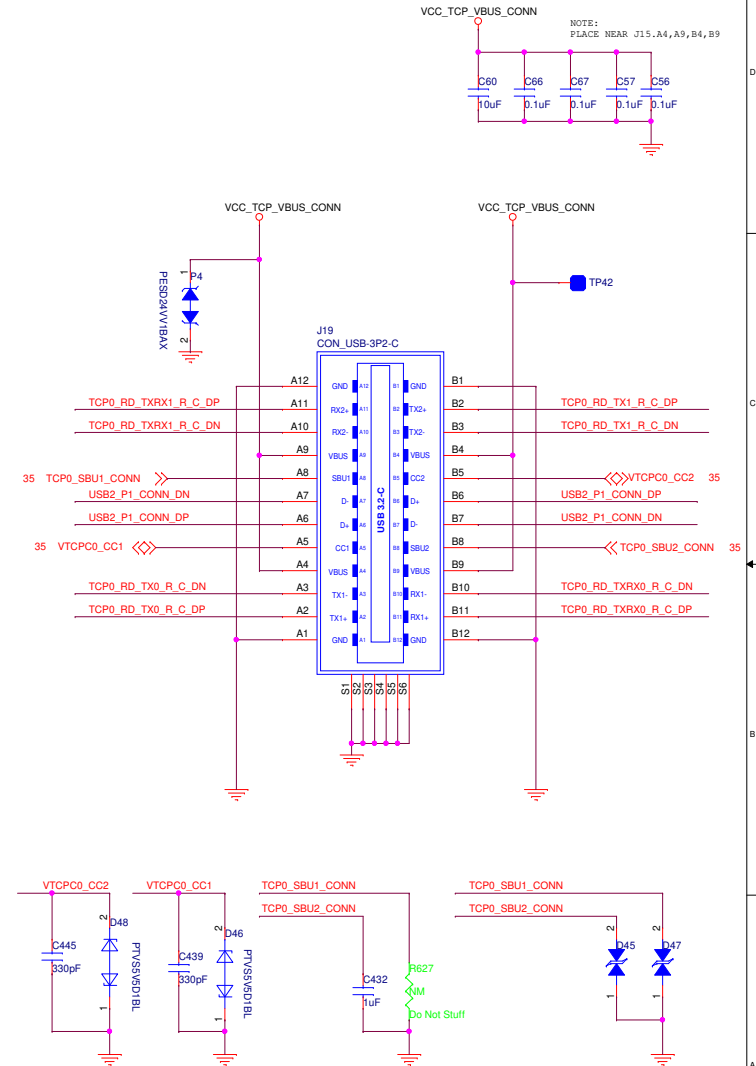
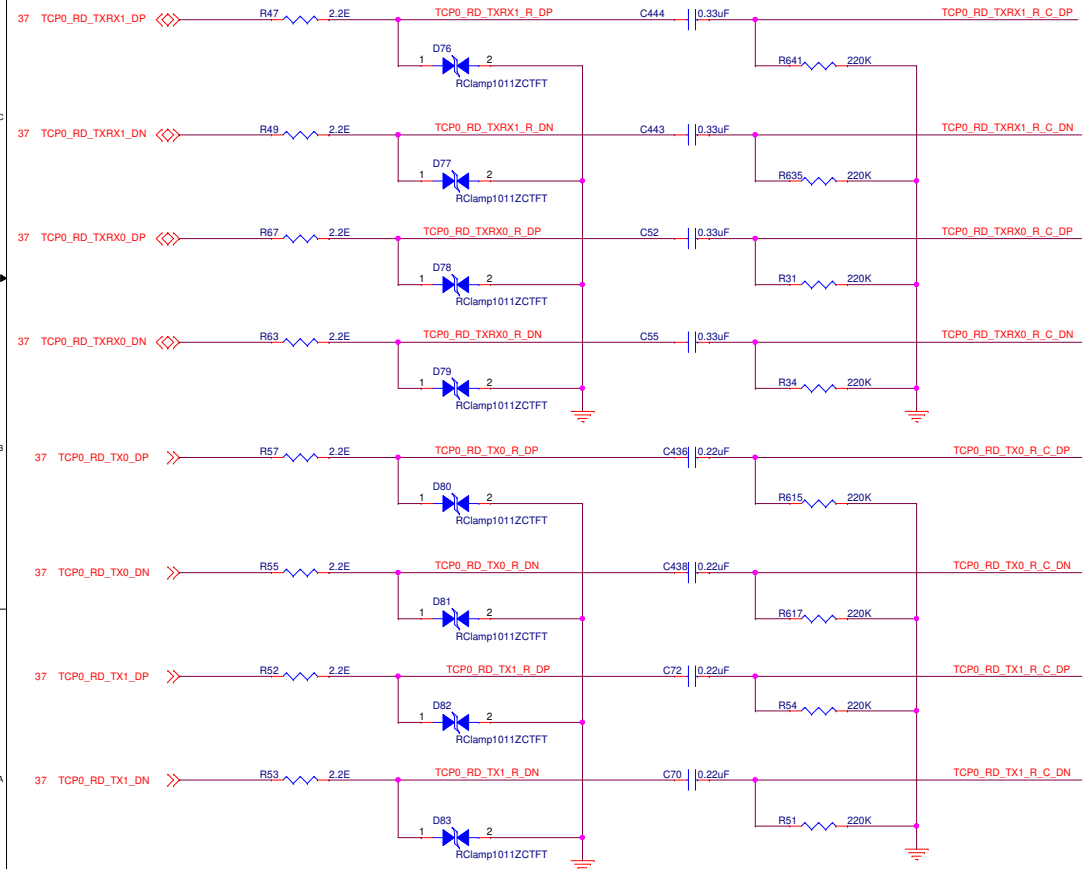
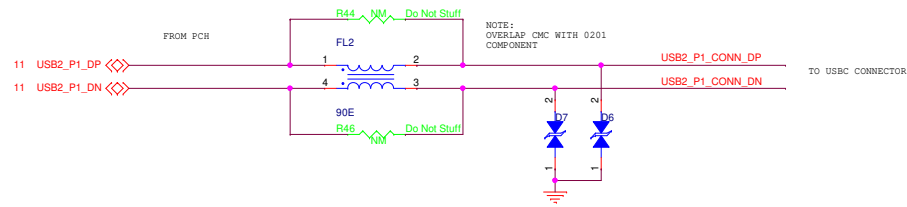
Key Components and Connections:

- Power Supply and Decoupling:** The circuit is powered by VCC_3V3_VSYS_PD and VCC_3V3_VDDD_PD. Decoupling capacitors (C475, C474, C481, C482, C720, C721) are placed near the power pins. A 10mE resistor (R180) is connected to TP76.
- Signal and Control:** The CYPD622x IC is connected to various control signals, including TCPC_P0_SNK_CNTRL, BB_TCPO_LS_EN, TYPE-C_SLP_S0#, TCPO_SBU1_CONN, TCPO_SBU2_CONN, and TCPC_P1_SNK_CNTRL. It also interfaces with the TCPC_P1_SNK_CNTRL and BB_TCPO_LS_EN signals.
- Communication:** The IC supports I2C communication, with pins for I2C_SCL, I2C_SDA, and I2C_ADDR. The I2C address is specified as 0x08.
- Power Management:** The circuit includes pins for VBUS_C_CTRL_P0, VBUS_C_CTRL_P1, and VBUS_C_CTRL_P2. It also features a PD_SWD_CLK_I2C_ADD pin and a BB_TCPO_RESET_N pin.
- Thermal and Safety:** The IC includes a TCPC_P1_SNK_GPIO_CNTRL pin and a BB_TCPO_RESET_N pin, which are used for thermal and safety management.

Notes:

- Place R444, R445, R446 near TYPE C PD.
- Do Not Stuff (Do Not Stuff) for R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R129, R130, R131, R132, R133, R134, R135, R136, R137, R138, R139, R140, R141, R142, R143, R144, R145, R146, R147, R148, R149, R150, R151, R152, R153, R154, R155, R156, R157, R158, R159, R160, R161, R162, R163, R164, R165, R166, R167, R168, R169, R170, R171, R172, R173, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R184, R185, R186, R187, R188, R189, R190, R191, R192, R193, R194, R195, R196, R197, R198, R199, R200, R201, R202, R203, R204, R205, R206, R207, R208, R209, R210, R211, R212, R213, R214, R215, R216, R217, R218, R219, R220, R221, R222, R223, R224, R225, R226, R227, R228, R229, R230, R231, R232, R233, R234, R235, R236, R237, R238, R239, R240, R241, R242, R243, R244, R245, R246, R247, R248, R249, R250, R251, R252, R253, R254, R255, R256, R257, R258, R259, R260, R261, R262, R263, R264, R265, R266, R267, R268, R269, R270, R271, R272, R273, R274, R275, R276, R277, R278, R279, R280, R281, R282, R283, R284, R285, R286, R287, R288, R289, R290, R291, R292, R293, R294, R295, R296, R297, R298, R299, R300, R301, R302, R303, R304, R305, R306, R307, R308, R309, R310, R311, R312, R313, R314, R315, R316, R317, R318, R319, R320, R321, R322, R323, R324, R325, R326, R327, R328, R329, R330, R331, R332, R333, R334, R335, R336, R337, R338, R339, R340, R341, R342, R343, R344, R345, R346, R347, R348, R349, R350, R351, R352, R353, R354, R355, R356, R357, R358, R359, R360, R361, R362, R363, R364, R365, R366, R367, R368, R369, R370, R371, R372, R373, R374, R375, R376, R377, R378, R379, R380, R381, R382, R383, R384, R385, R386, R387, R388, R389, R390, R391, R392, R393, R394, R395, R396, R397, R398, R399, R400, R401, R402, R403, R404, R405, R406, R407, R408, R409, R410, R411, R412, R413, R414, R415, R416, R417, R418, R419, R420, R421, R422, R423, R424, R425, R426, R427, R428, R429, R430, R431, R432, R433, R434, R435, R436, R437, R438, R439, R440, R441, R442, R443, R444, R445, R446, R447, R448, R449, R450, R451, R452, R453, R454, R455, R456, R457, R458, R459, R460, R461, R462, R463, R464, R465, R466, R467, R468, R469, R470, R471, R472, R473, R474, R475, R476, R477, R478, R479, R480, R481, R482, R483, R484, R485, R486, R487, R488, R489, R490, R491, R492, R493, R494, R495, R496, R497, R498, R499, R500, R501, R502, R503, R504, R505, R506, R507, R508, R509, R510, R511, R512, R513, R514, R515, R516, R517, R518, R519, R520, R521, R522, R523, R524, R525, R526, R527, R528, R529, R530, R531, R532, R533, R534, R535, R536, R537, R538, R539, R540, R541, R542, R543, R544, R545, R546, R547, R548, R549, R550, R551, R552, R553, R554, R555, R556, R557, R558, R559, R560, R561, R562, R563, R564, R565, R566, R567, R568, R569, R570, R571, R572, R573, R574, R575, R576, R577, R578, R579, R580, R581, R582, R583, R584, R585, R586, R587, R588, R589, R590, R591, R592, R593, R594, R595, R596, R597, R598, R599, R600, R601, R602, R603, R604, R605, R606, R607, R608, R609, R610, R611, R612, R613, R614, R615, R616, R617, R618, R619, R620, R621, R622, R623, R624, R625, R626, R627, R628, R629, R630, R631, R632, R633, R634, R635, R636, R637, R638, R639, R640, R641, R642, R643, R644, R645, R646, R647, R648, R649, R650, R651, R652, R653, R654, R655, R656, R657, R658, R659, R660, R661, R662, R663, R664, R665, R666, R667, R668, R669, R670, R671, R672, R673, R674, R675, R676, R677, R678, R679, R680, R681, R682, R683, R684, R685, R686, R687, R688, R689, R690, R691, R692, R693, R694, R695, R696, R697, R698, R699, R700, R701, R702, R703, R704, R705, R706, R707, R708, R709, R710, R711, R712, R713, R714, R715, R716, R717, R718, R719, R720, R721, R722, R723, R724, R725, R726, R727, R728, R729, R730, R731, R732, R733, R734, R735, R736, R737, R738, R739, R740, R741, R742, R743, R744, R745, R746, R747, R748, R749, R750, R751, R752, R753, R754, R755, R756, R757, R758, R759, R760, R761, R762, R763, R764, R765, R766, R767, R768, R769, R770, R771, R772, R773, R774, R775, R776, R777, R778, R779, R780, R781, R782, R783, R784, R785, R786, R787, R788, R789, R790, R791, R792, R793, R794, R795, R796, R797, R798, R799, R800, R801, R802, R803, R804, R805, R806, R807, R808, R809, R810, R811, R812, R813, R814, R815, R816, R817, R818, R819, R820, R821, R822, R823, R824, R825, R826, R827, R828, R829, R830, R831, R832, R833, R834, R835, R836, R837, R838,

TYPE C CONNECTOR

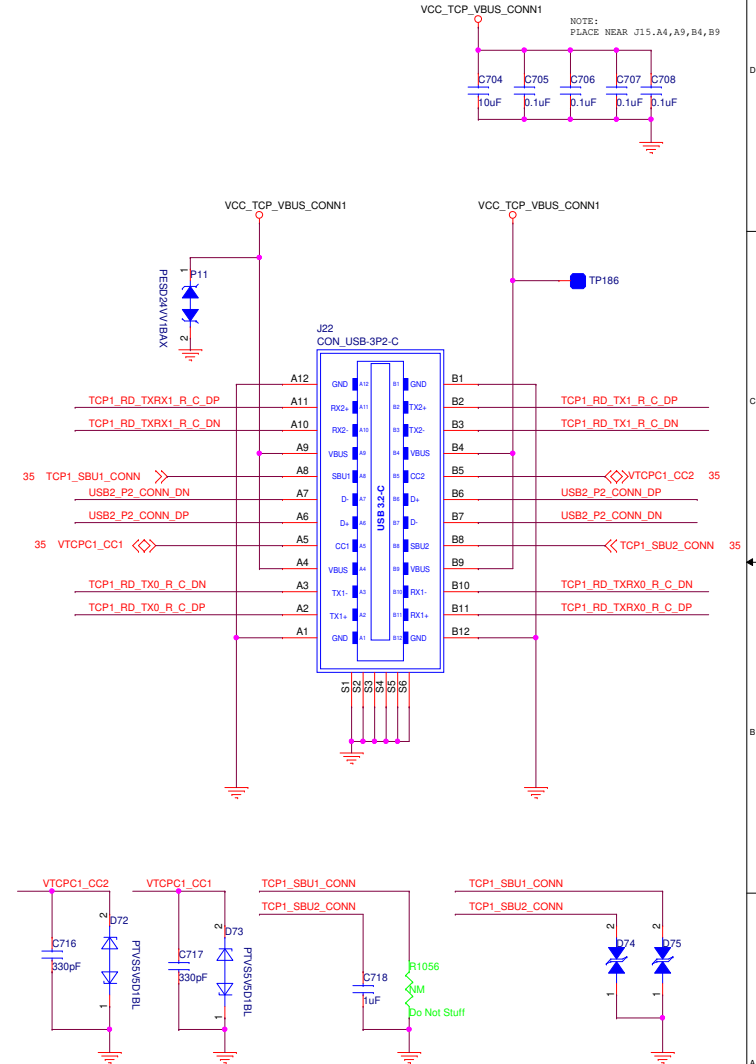
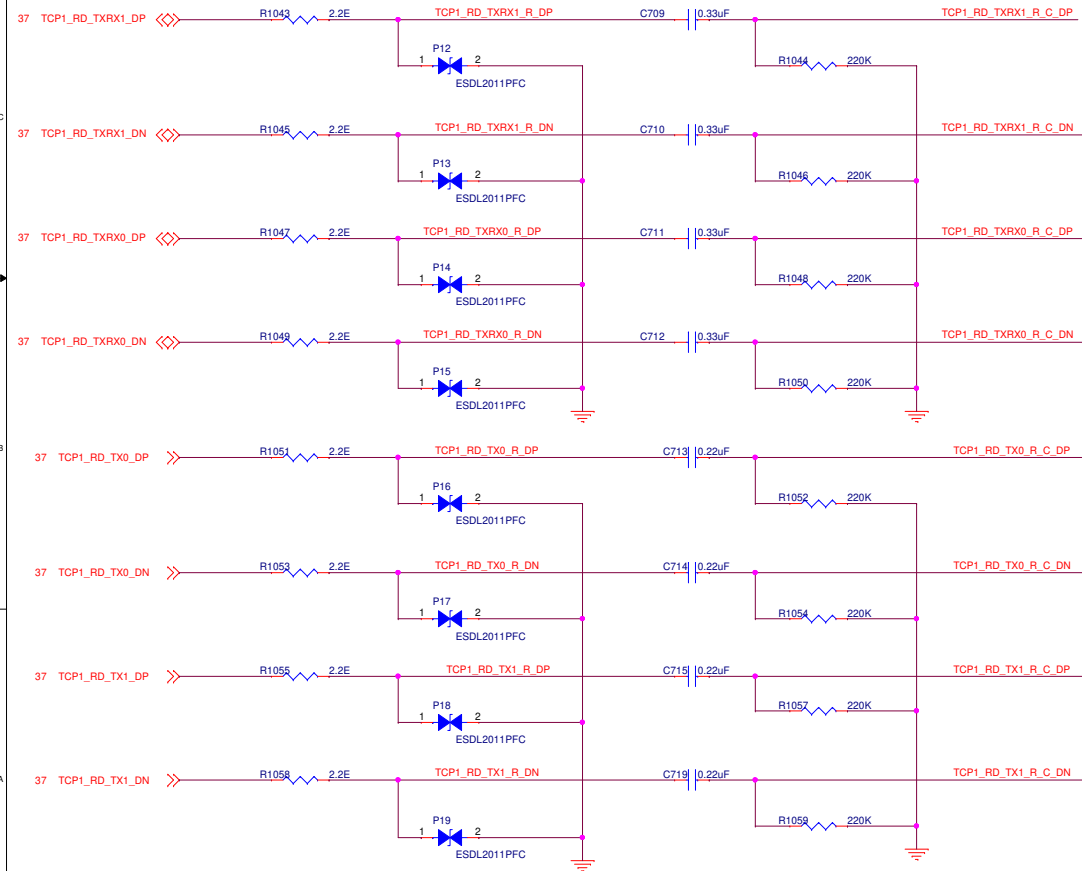
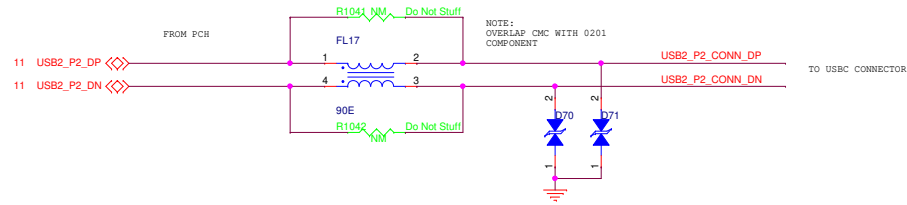


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Fab No : 501-1-04404		Rev: A1
Asy No : 701-1-05308		Sheet 38 of 58

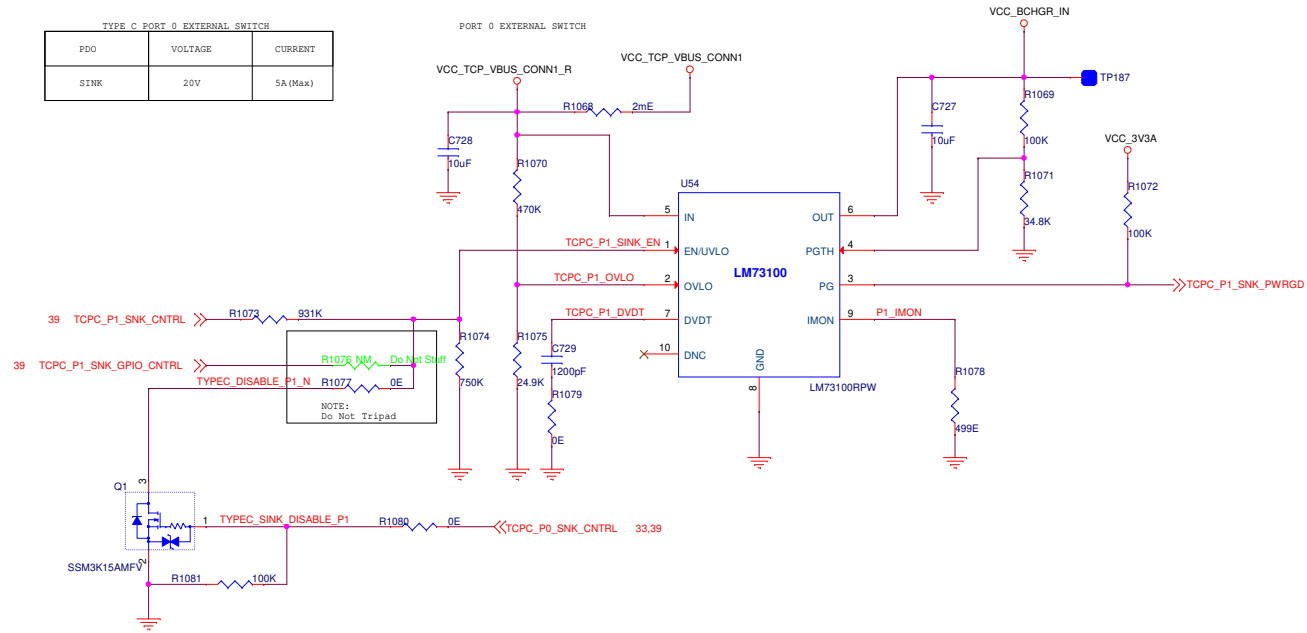
TYPE C CONNECTOR 2



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	Asy No : 701-1-05308		Sheet 38 of 58

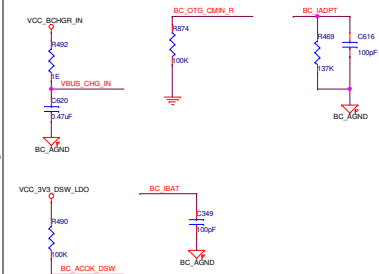
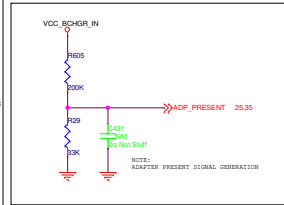
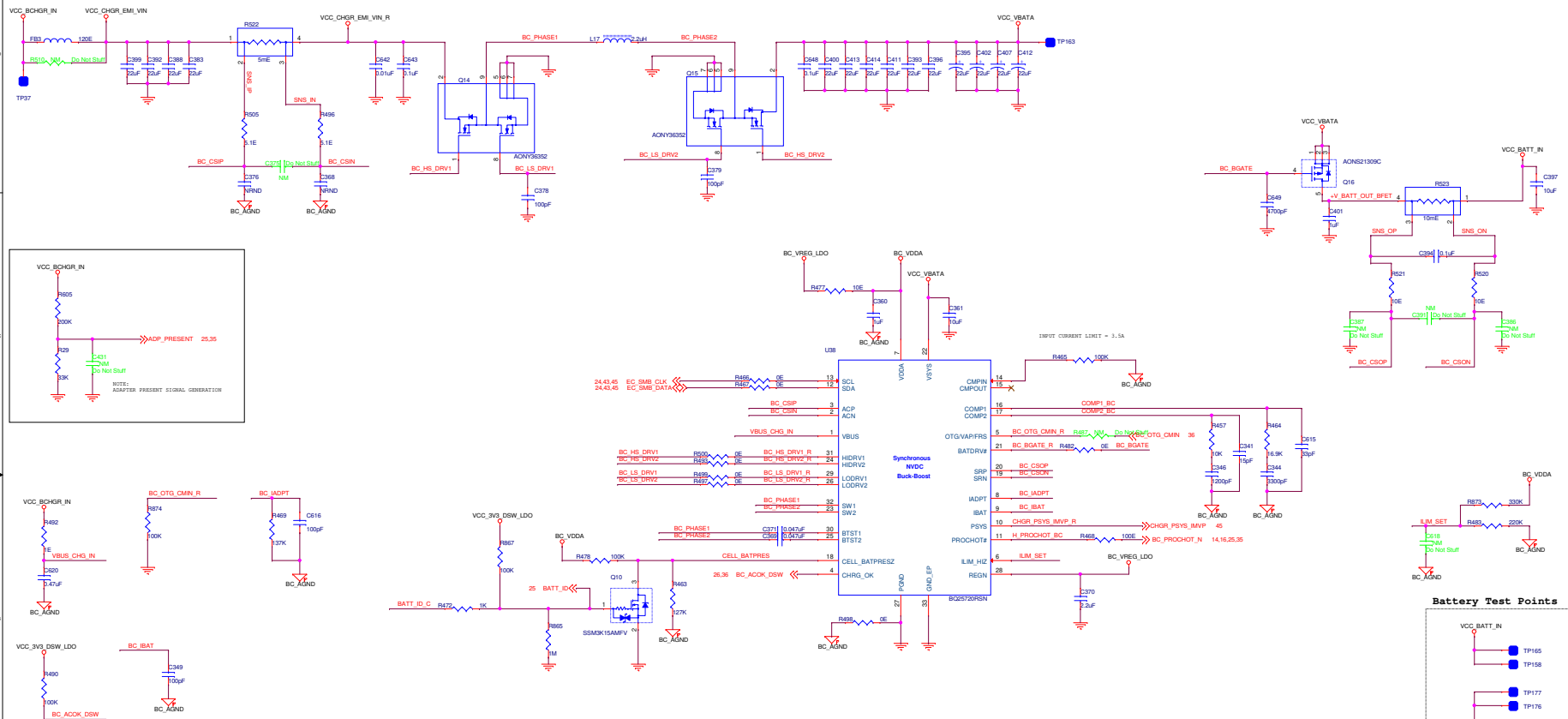
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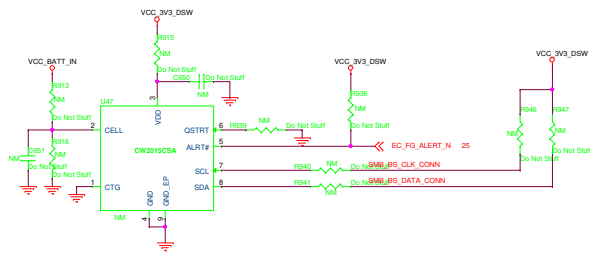
Intel I3 Laptop

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	Asy No : 701-1-05308		Sheet 43 of 58

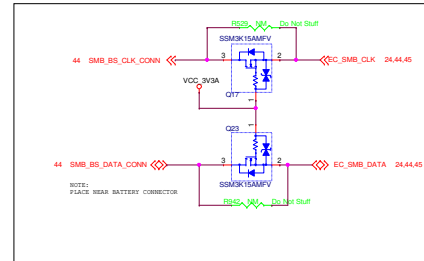
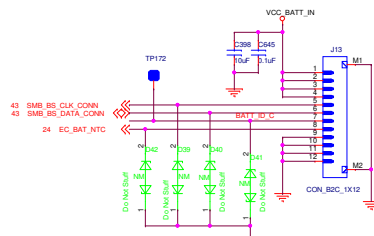
BATTERY CHARGER SECTION



FUEL GUAGE



BATTERY CHARGER CONN



Battery Test Points

