

HANGZHOU 1.0

MV_BUILD

2008.06.19

HANGZHOU 1.0

MV_BUILD

2008.06.19

HANGZHOU 1.0

MV_BUILD

2008.06.19

F			
	DATE	CHANGE NO.	REV

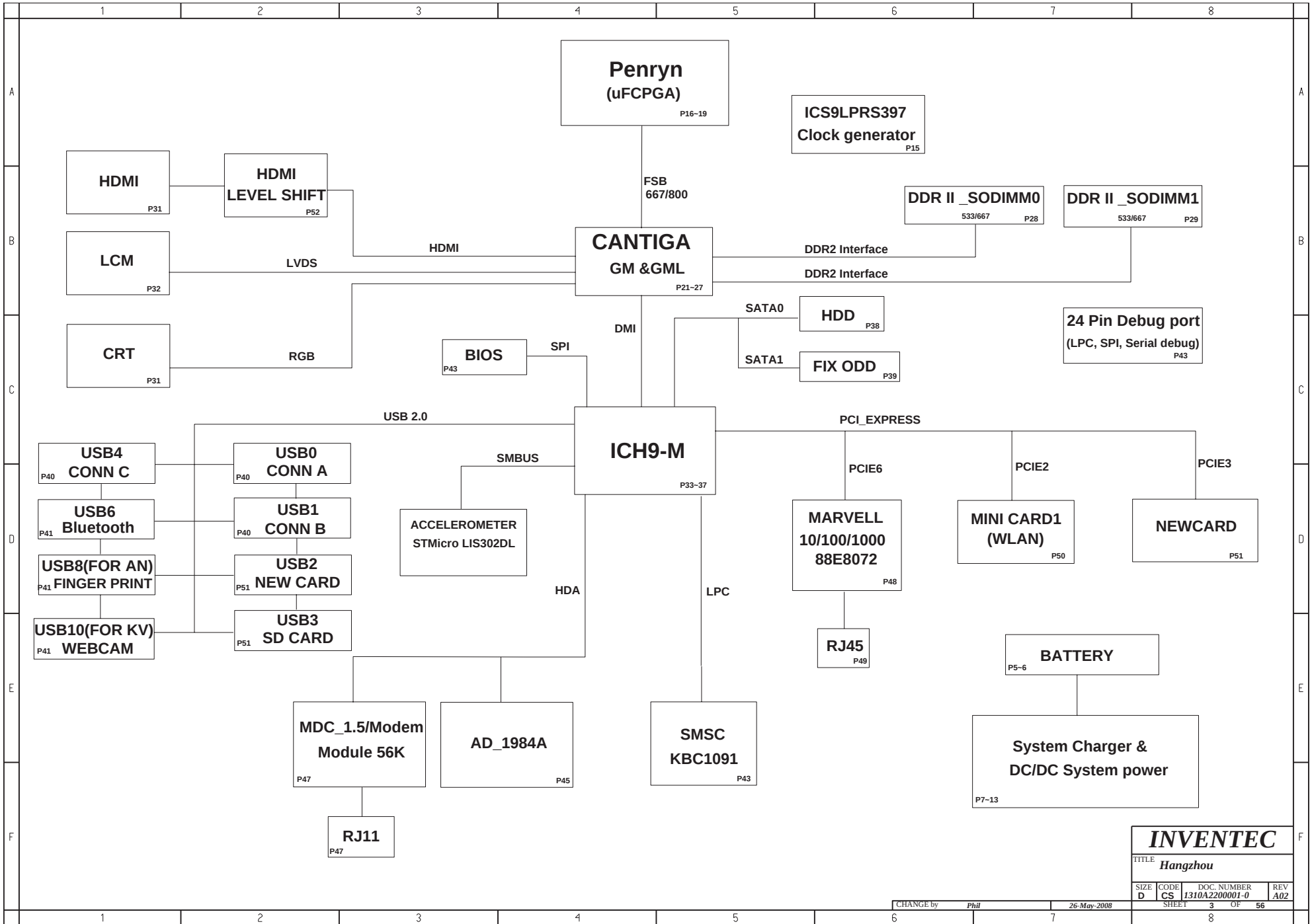
DRAWER		EE	DATE	POWER	DATE				
DESIGN									
CHECK									
RESPONSIBLE									
SIZE = 3 FILE NAME: XXXX-XXXX-XX P/N XXXXXXXXXXXX						TITLE <i>Hangzhou</i> SIZE D CODE CS DOC. NUMBER 1310A220001-0 REV A02 SHEET 1 OF 56			

TABLE OF CONTENTS

- 5- DC& BATTERY CHARGER
- 6- SELECT & BATTERY CONN
- 7- SYSTEM POWER(3V/5V)
- 8- SYSTEM POWER(+V1.8/+VCCP)
- 9- GRAPHIC POWER(+VGFX_CORE)
- 10- SYSTEM POWER(/+V1.5S)
- 11- CPU POWER(VCC_CORE)
- 12- DDR TERMINATION VOLTAGE
- 13- POWER(SLEEP)
- 14- POWER(SEQUENCE)

- 15- CLOCK_GENERATOR
- 16- PENRYN-1
- 17- PENRYN-2
- 18- PENRYN-3
- 19- PENRYN-4
- 20- THERMAL&FAN CONTROLLER
- 21- CANTIGA-1
- 22- CANTIGA-2
- 23- CANTIGA-3-HOST
- 24- CANTIGA-4-DDR2
- 25- CANTIGA-5-POWER
- 26- CANTIGA-6-POWER
- 27- CANTIGA-7-POWER
- 28- DDR2-DIMM0
- 29- DDR2-DIMM1
- 30- DDR2-DAMPING
- 31- CRT& HDMI CONN
- 32- LCD CONN
- 33- ICH9-1
- 34- ICH9-2
- 35- ICH9-3
- 36- ICH9-4
- 37- ICH9-5

- 38- HDD CONN
- 39- ODD CONN
- 40- USB
- 41- FINGER PRINT&BlueTooth
- 42- SPI/HDD PROTECTION
- 43- KBC 1091
- 44- INT.KBC/POINT DEVICES
- 45- CODEC(1984A)
- 46- MIC JACK
- 47- MDC/Audio AMP
- 48- LAN INTERFACE
- 49- LAN RJ45 CONN
- 50- MINI CARD(WLAN)
- 51- NEW CARD & SD CARD
- 52- HDMI LEVEL SHIFT
- 53- Button&Switch&LED
- 54- SCREW & CRACK
- 55- LED board
- 56- Finger Print board



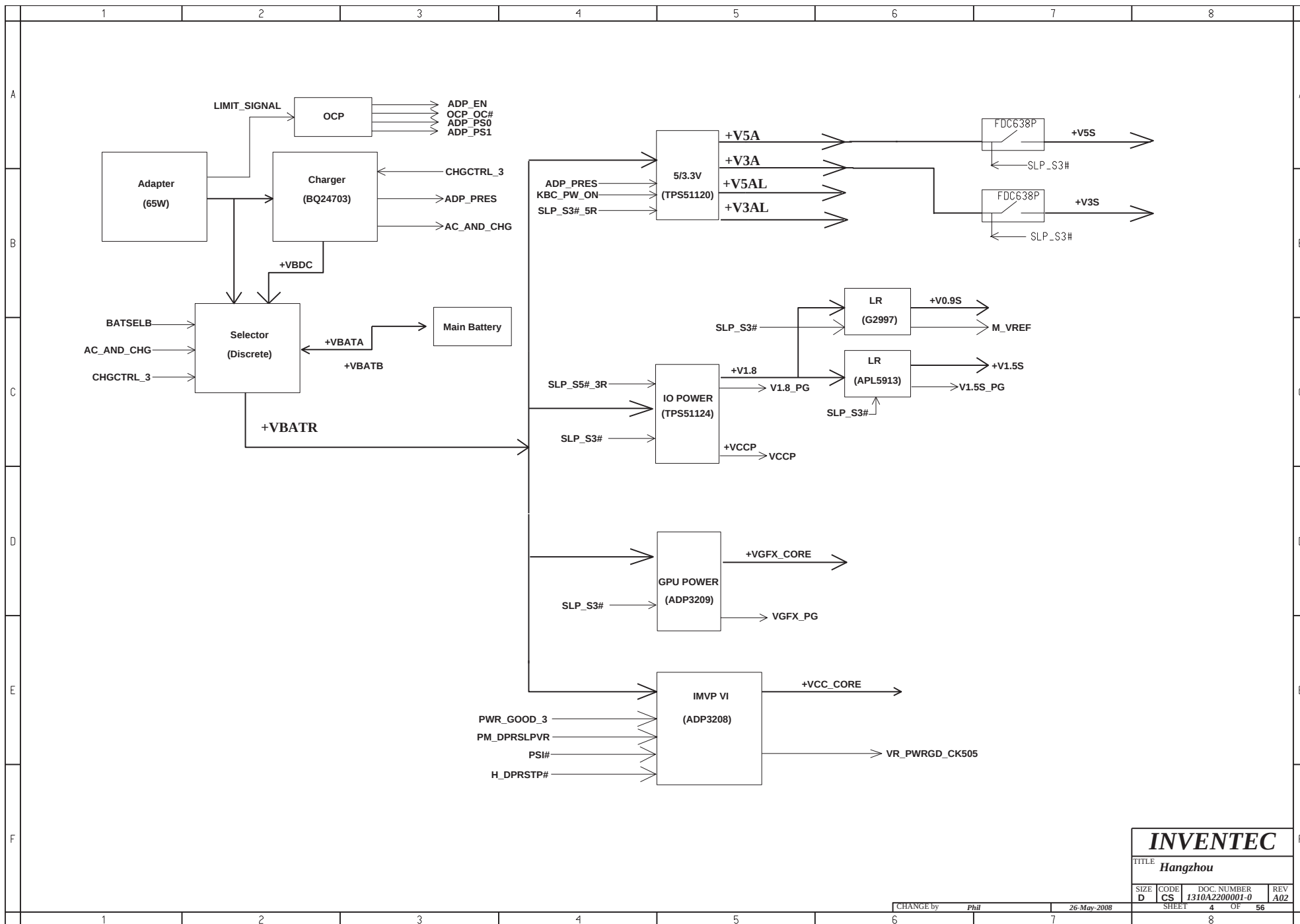
INVENTEC

TITLE
Hangzhou

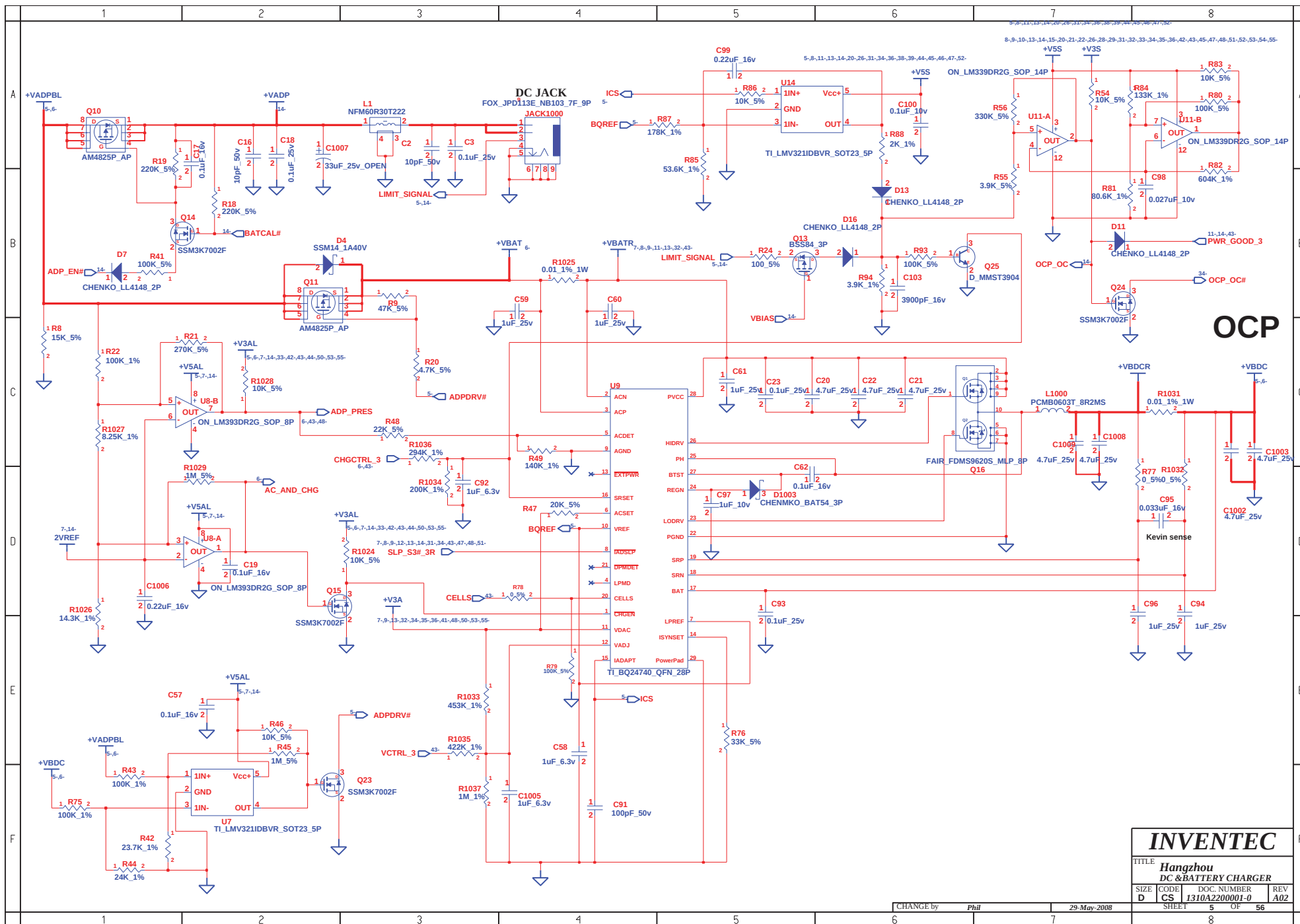
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

CHANGE by Phil 26-May-2008

SHEET 3 OF 56



INVENTEC			
TITLE Hangzhou			
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
CHANGE by Phil		26-May-2008	
SHEET 4		OF 56	



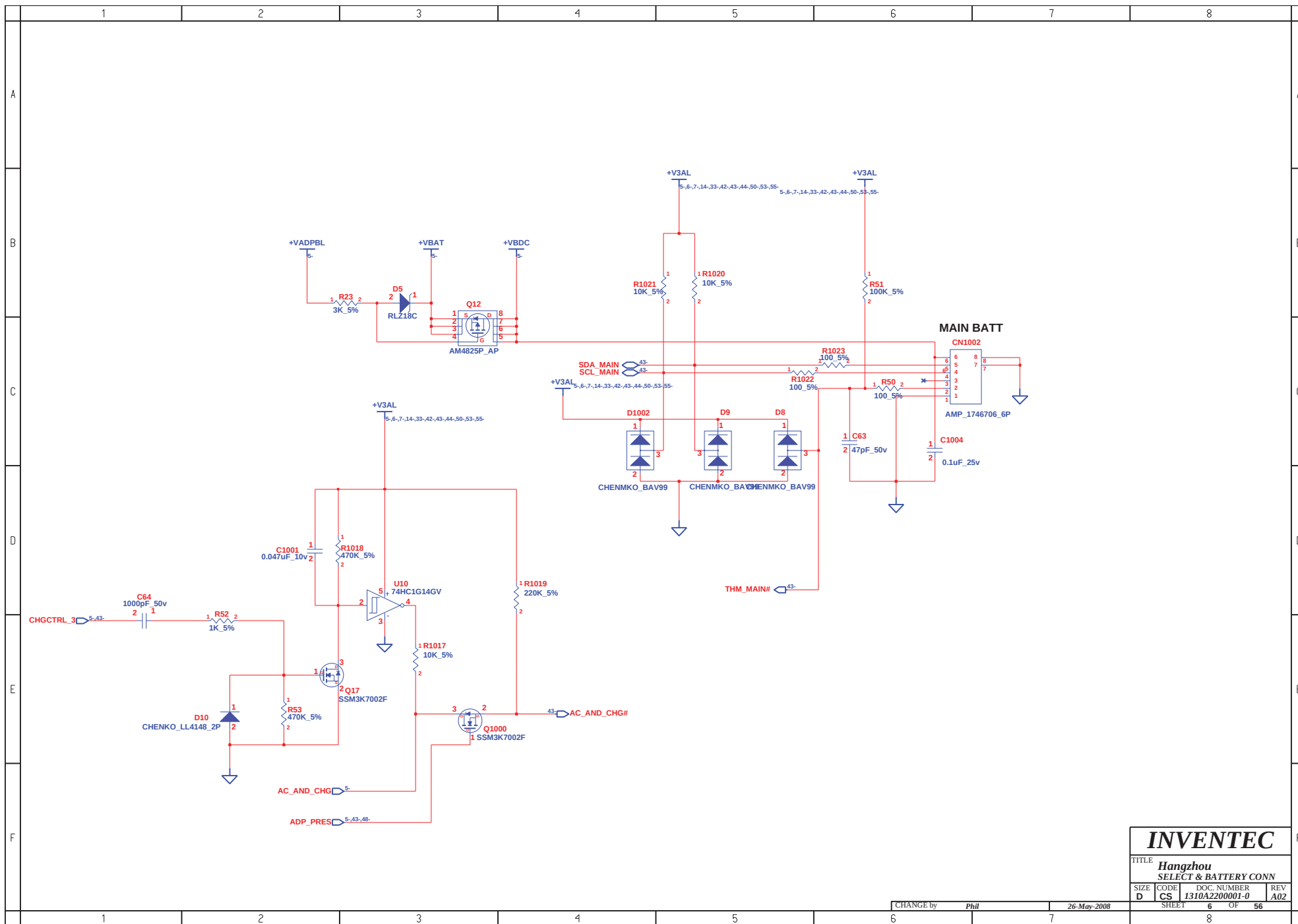
INVENTEC

TITLE			
Hangzhou DC & BATTERY CHARGER			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

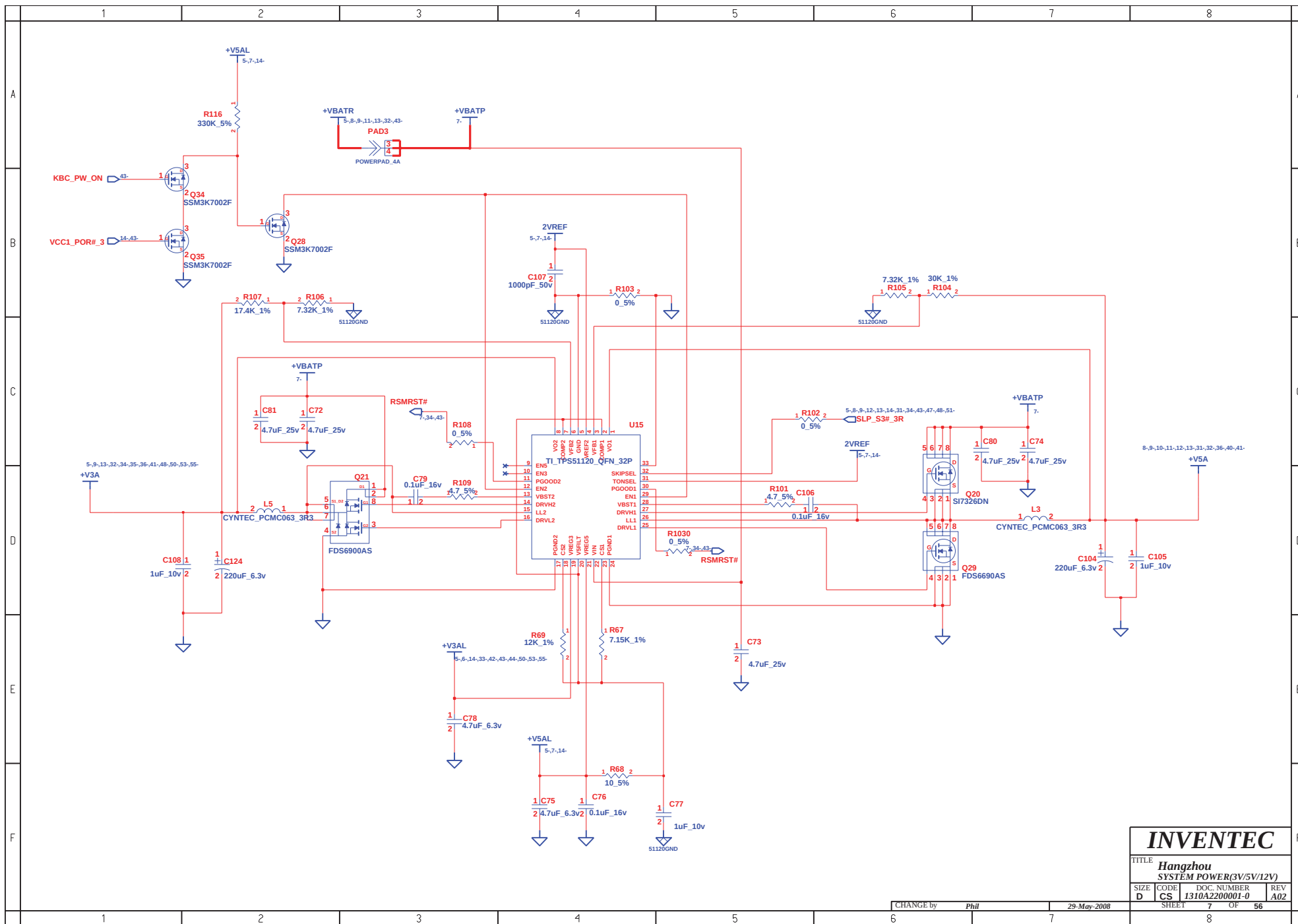
CHANGE by Phil

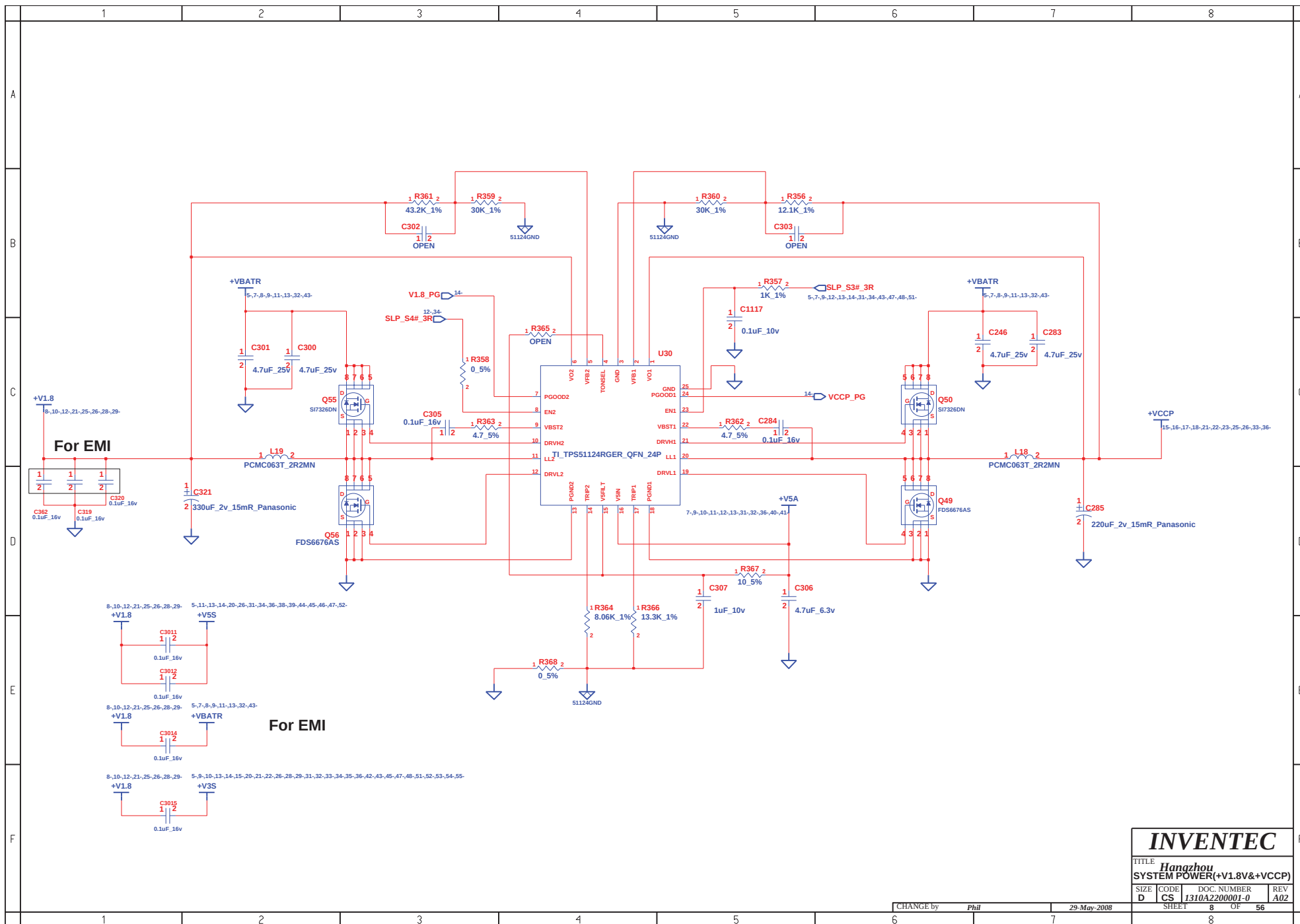
29-May-2008

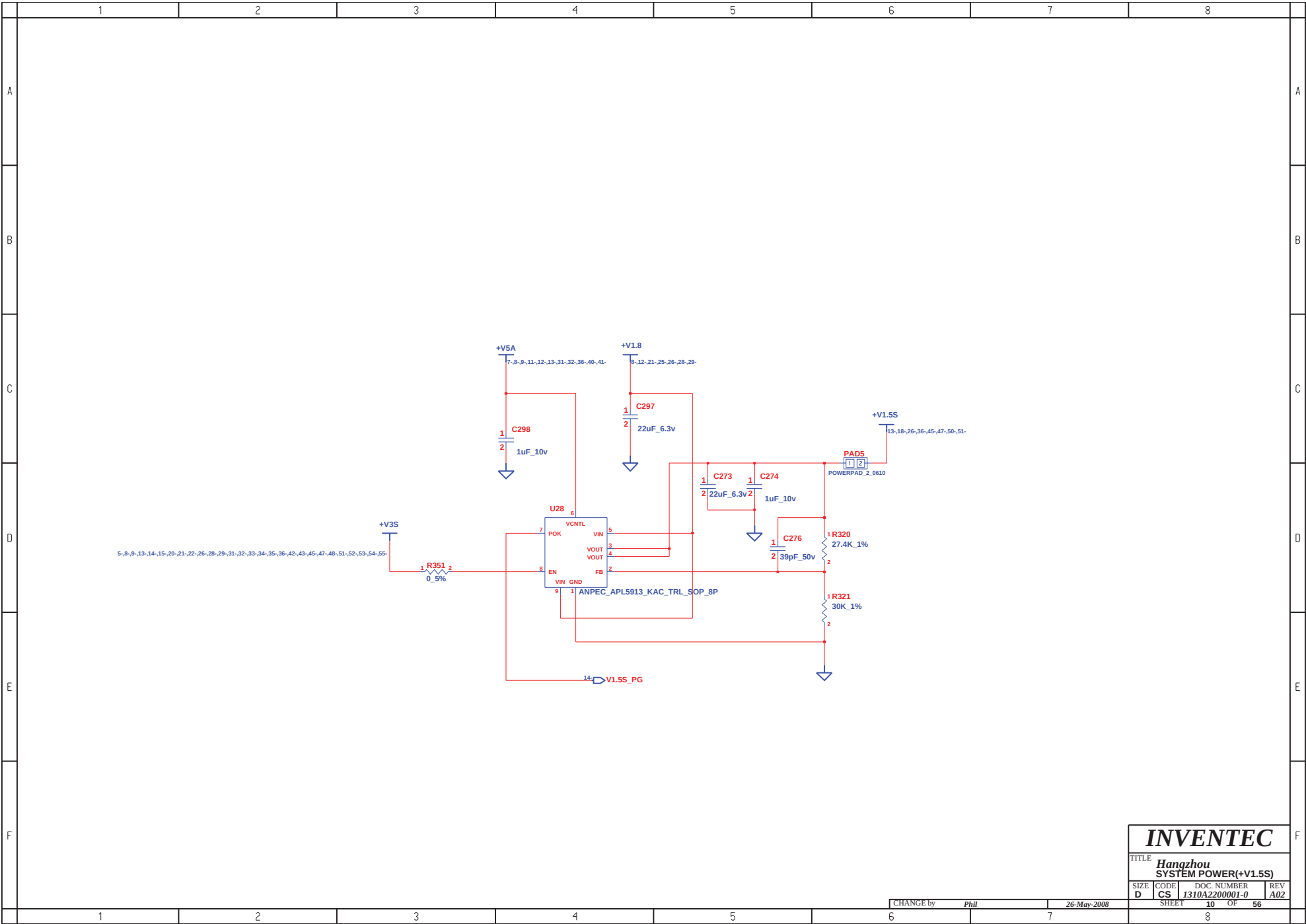
SHEET 5 OF 56



INVENTEC			
TITLE			
Hangzhou SELECT & BATTERY CONN			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
CHANGE by		26-May-2008	
Phil		SHEET 6 OF 56	
1		8	







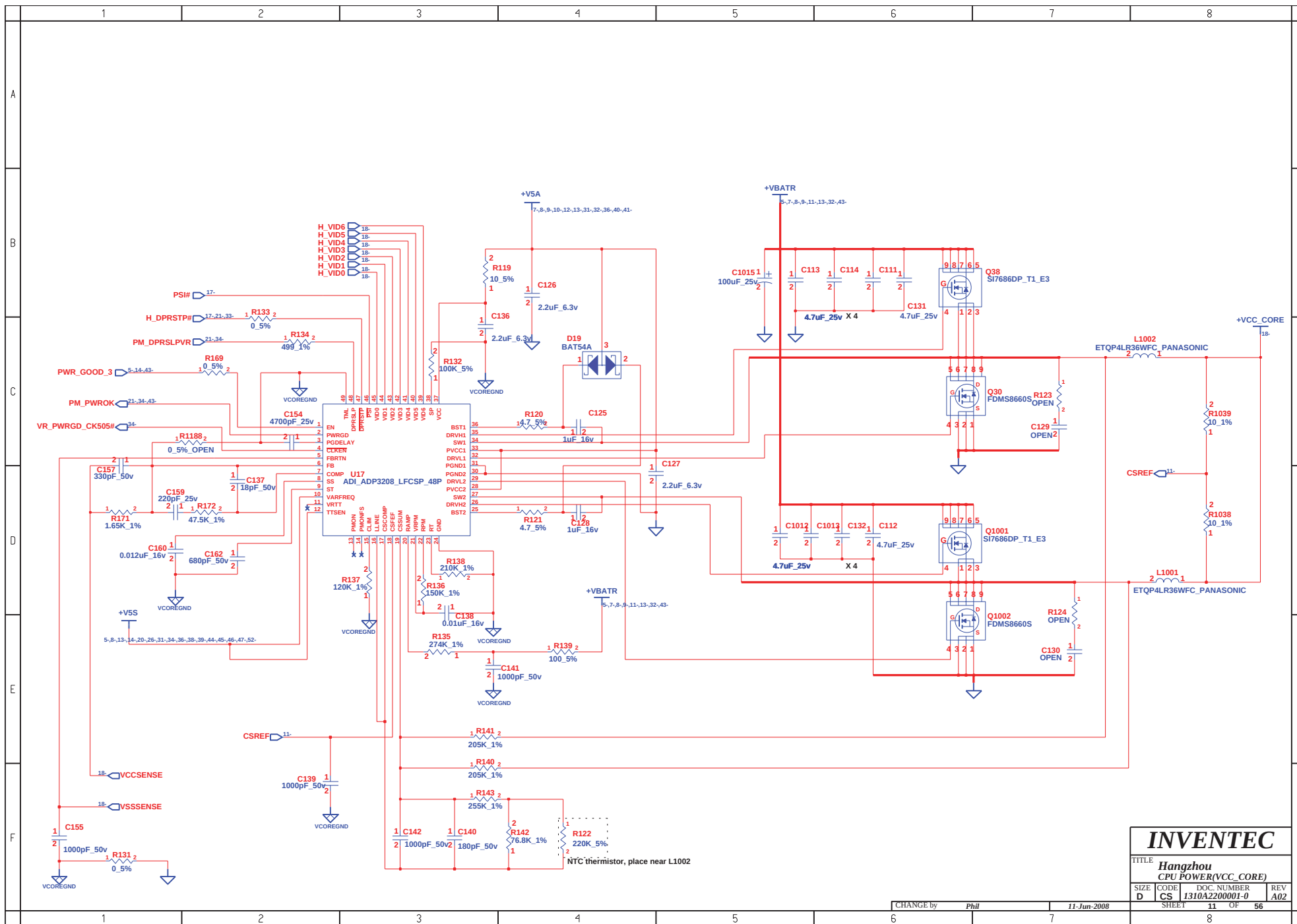
INVENTEC

TITLE
**Hangzhou
SYSTEM POWER(+V1.5S)**

SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

CHANGE by Phil 26-May-2008

SHEET 10 OF 56



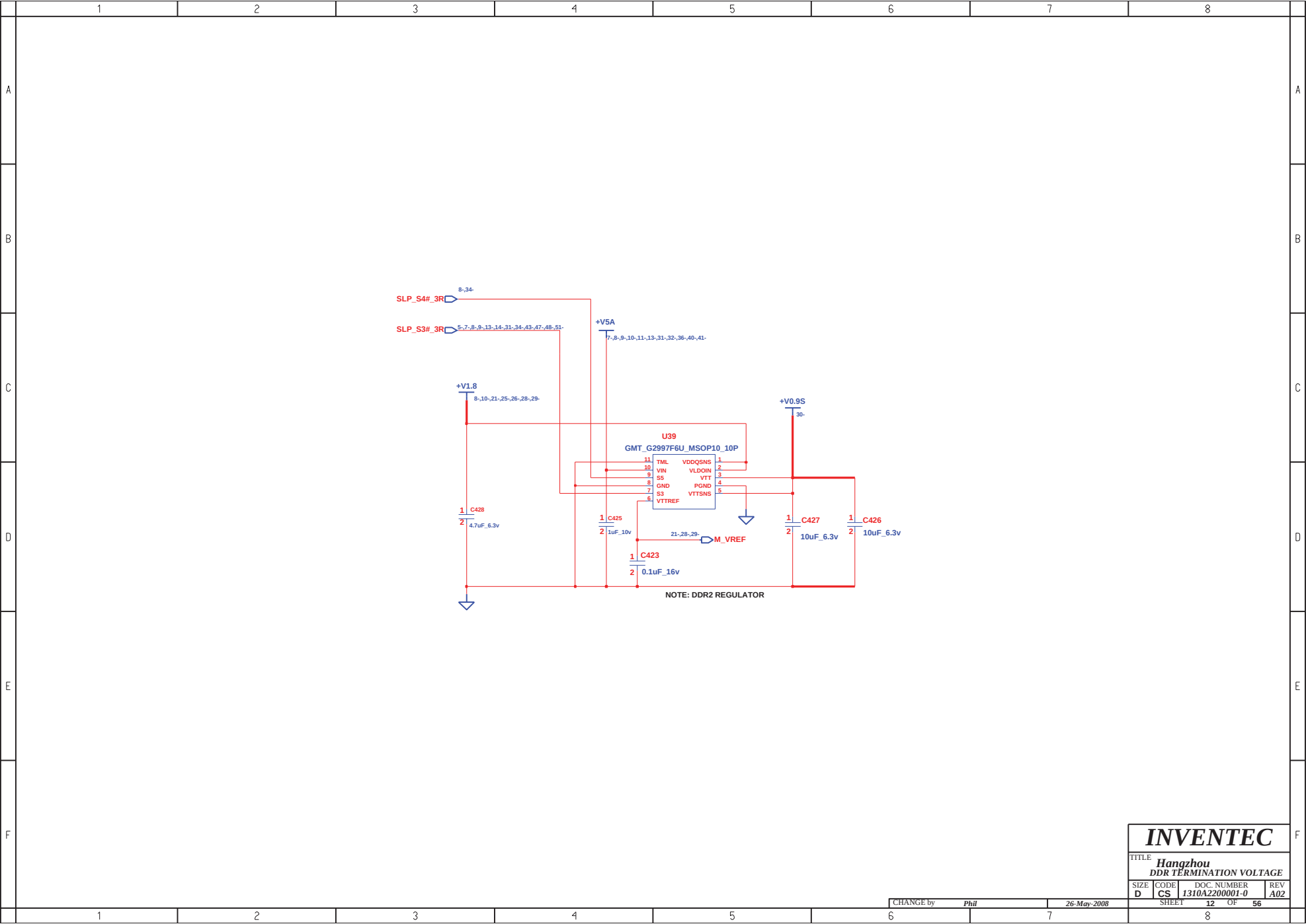
INVENTEC

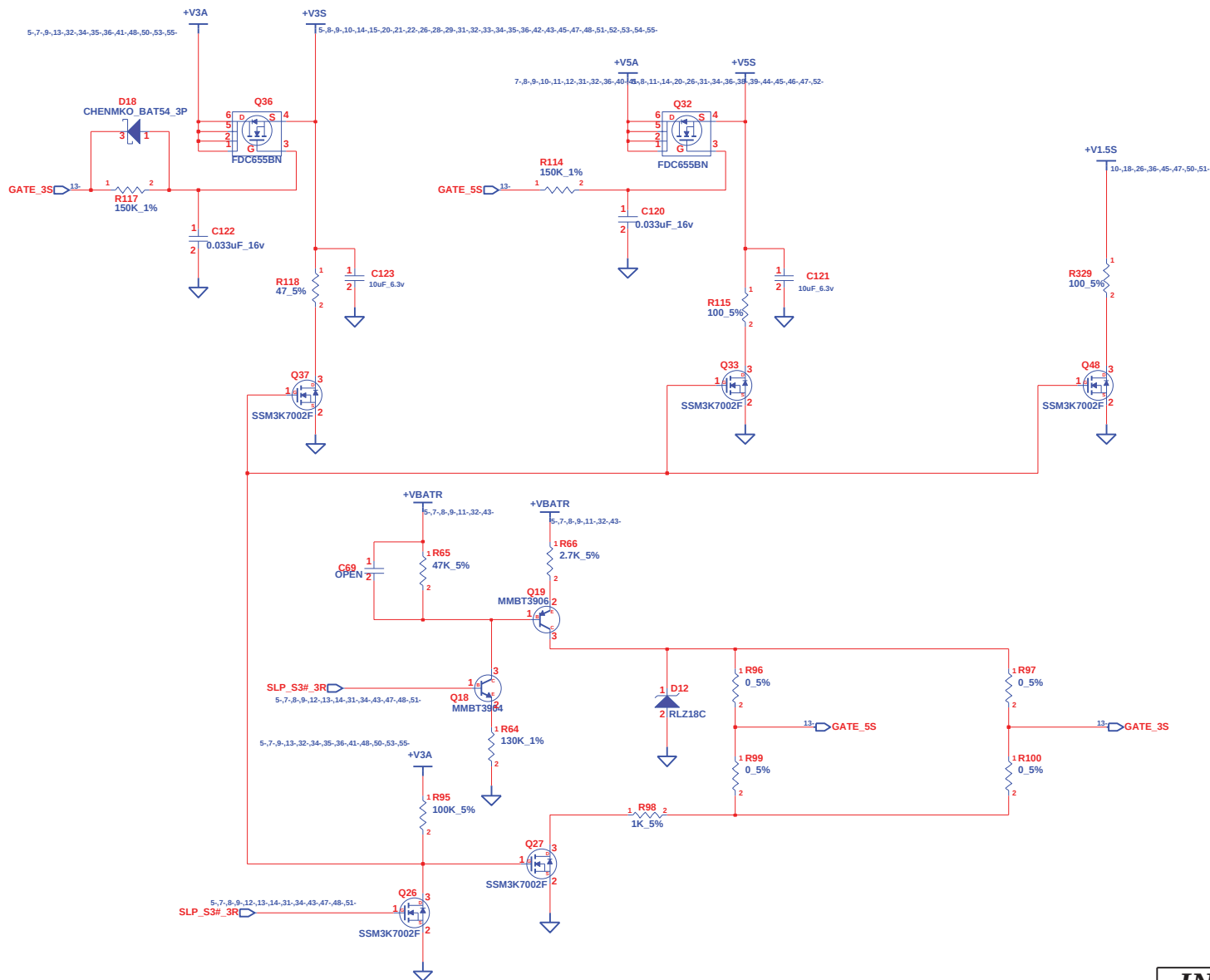
TITLE
**Hangzhou
CPU POWER(VCC_CORE)**

SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

CHANGE by Phil 11-Jun-2008

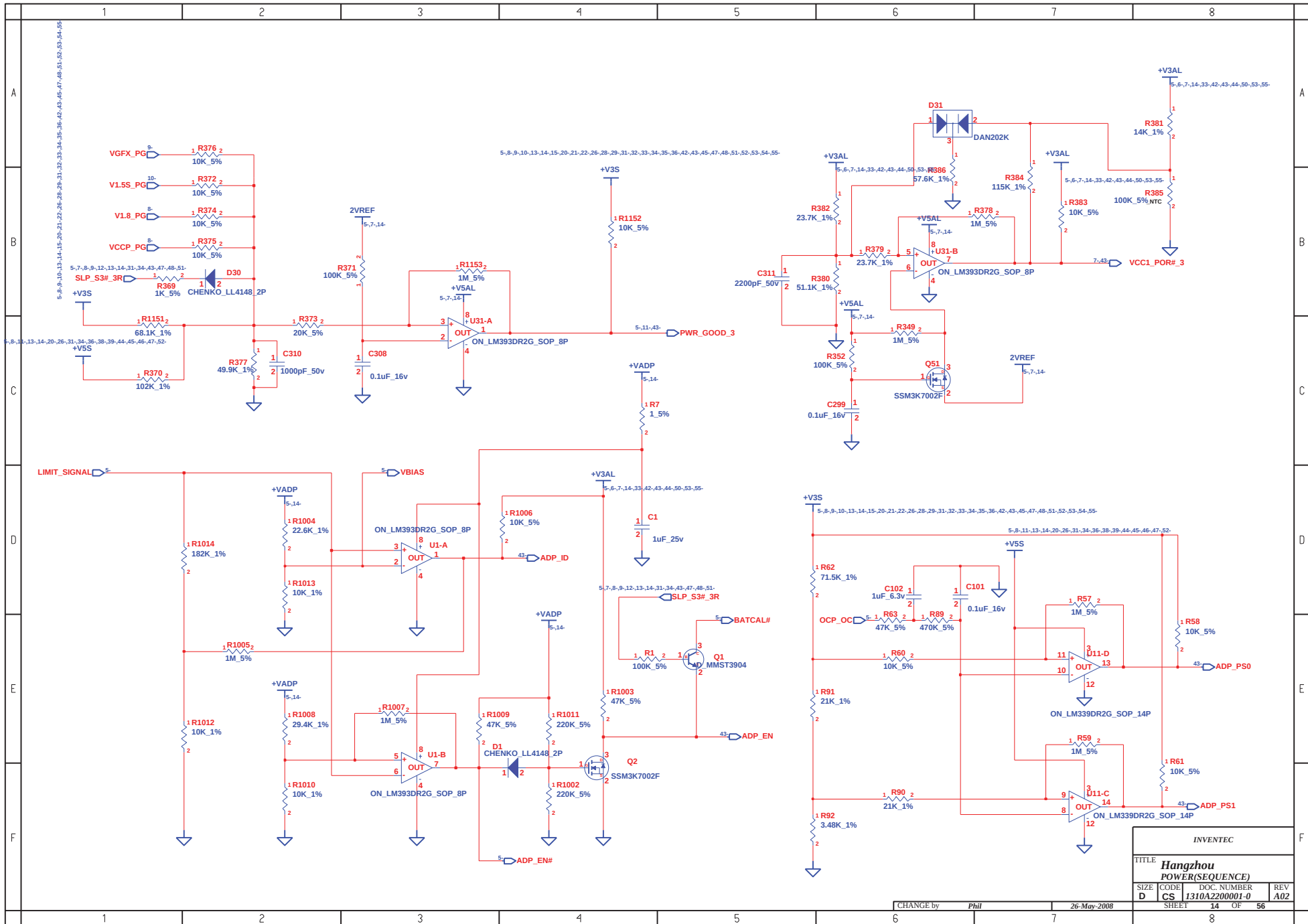
SHEET 11 OF 56





INVENTEC			
TITLE			
Hangzhou POWER(SLEEP)			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
SHEET		13	OF 56

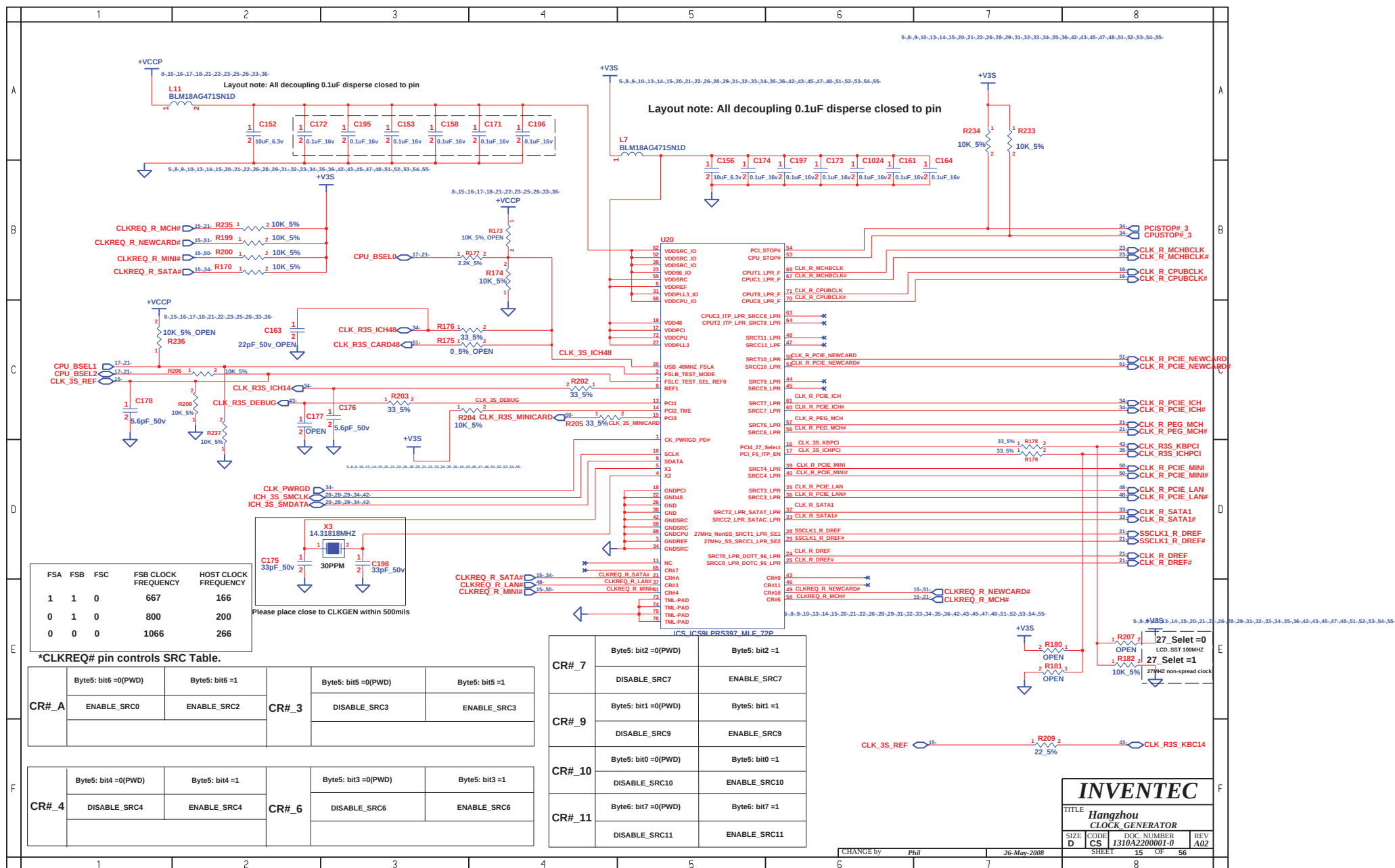
CHANGE by Phil 26-May-2008

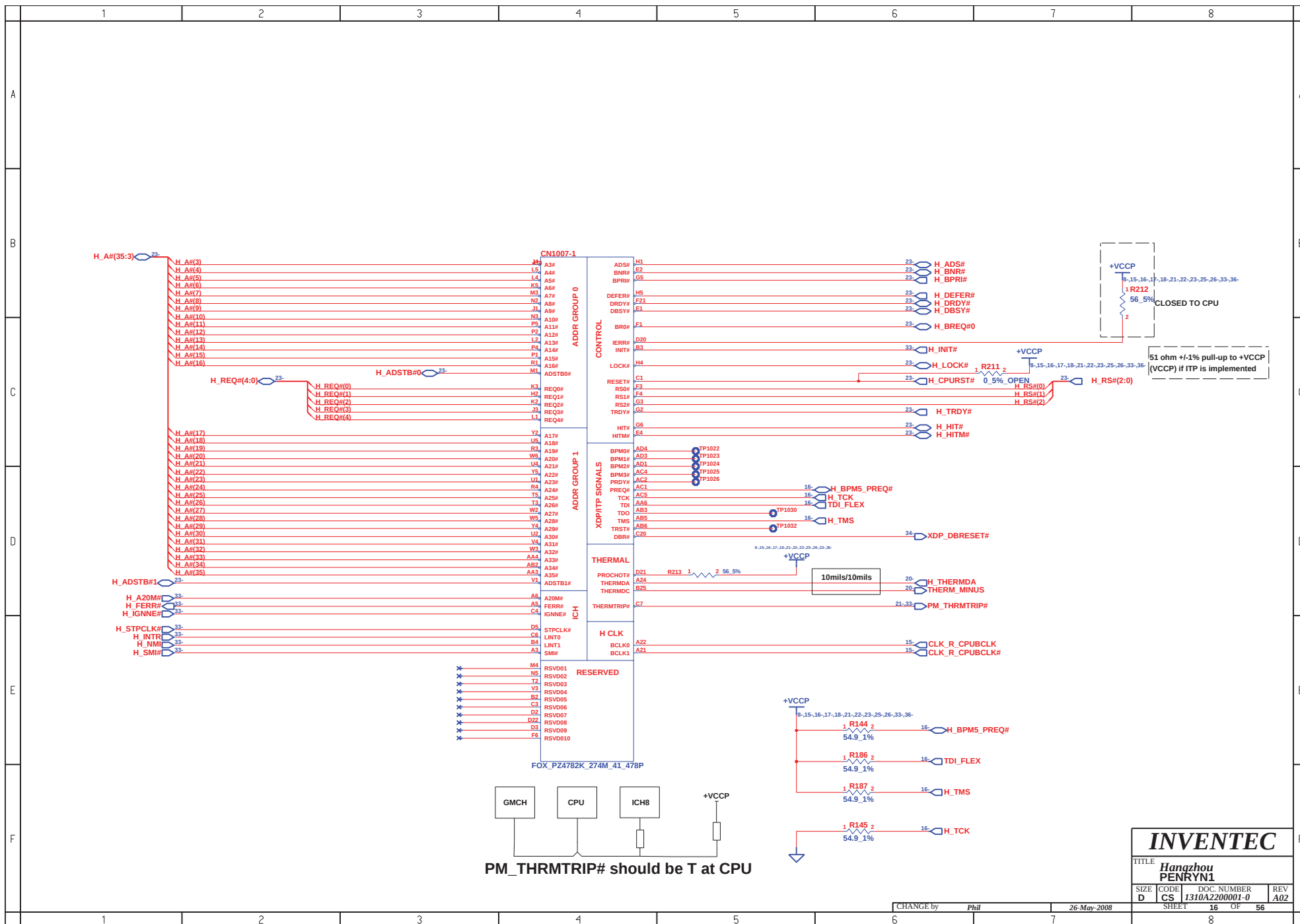


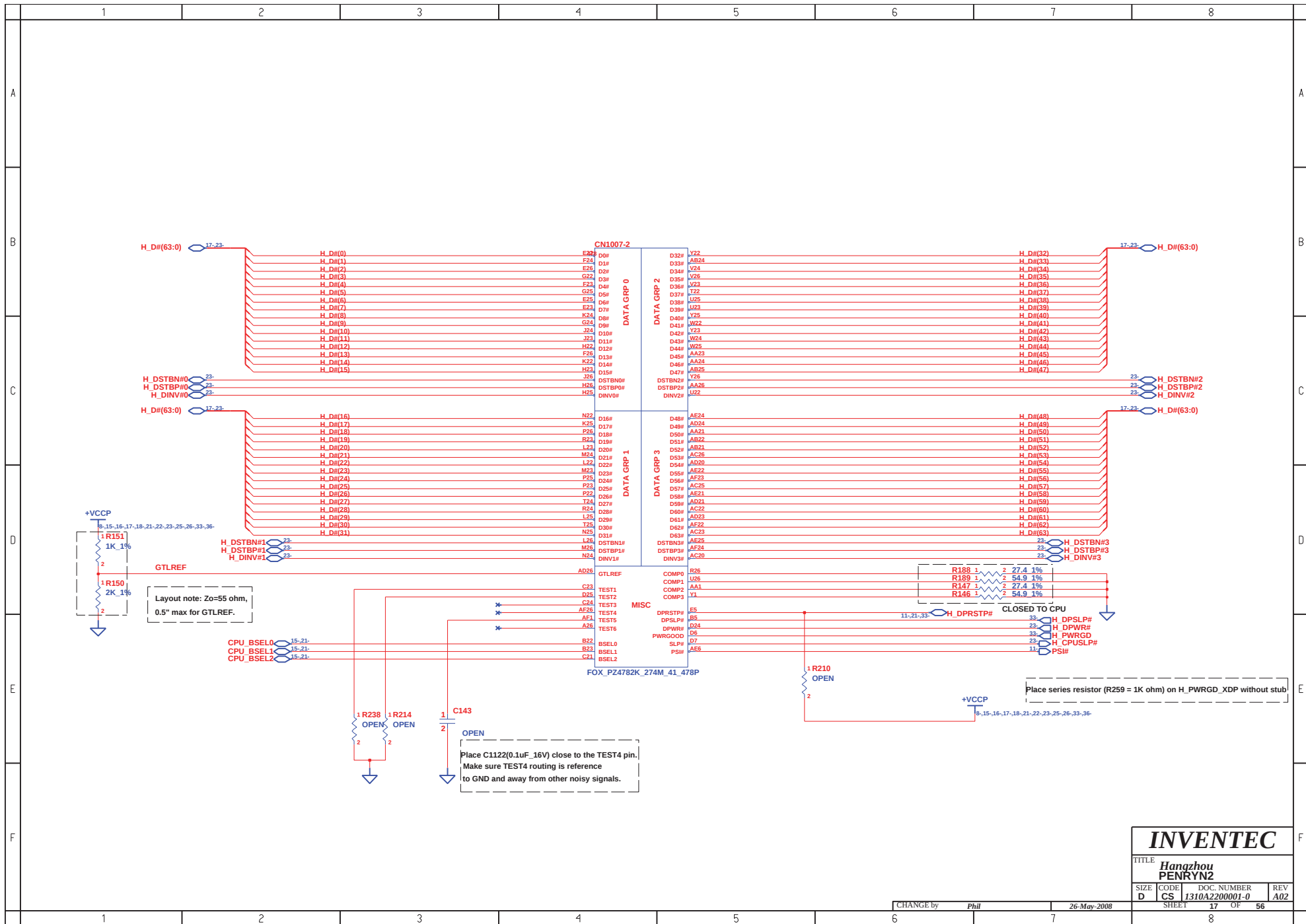
INVENTEC			
TITLE			
Hangzhou			
POWER(SEQUENCE)			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

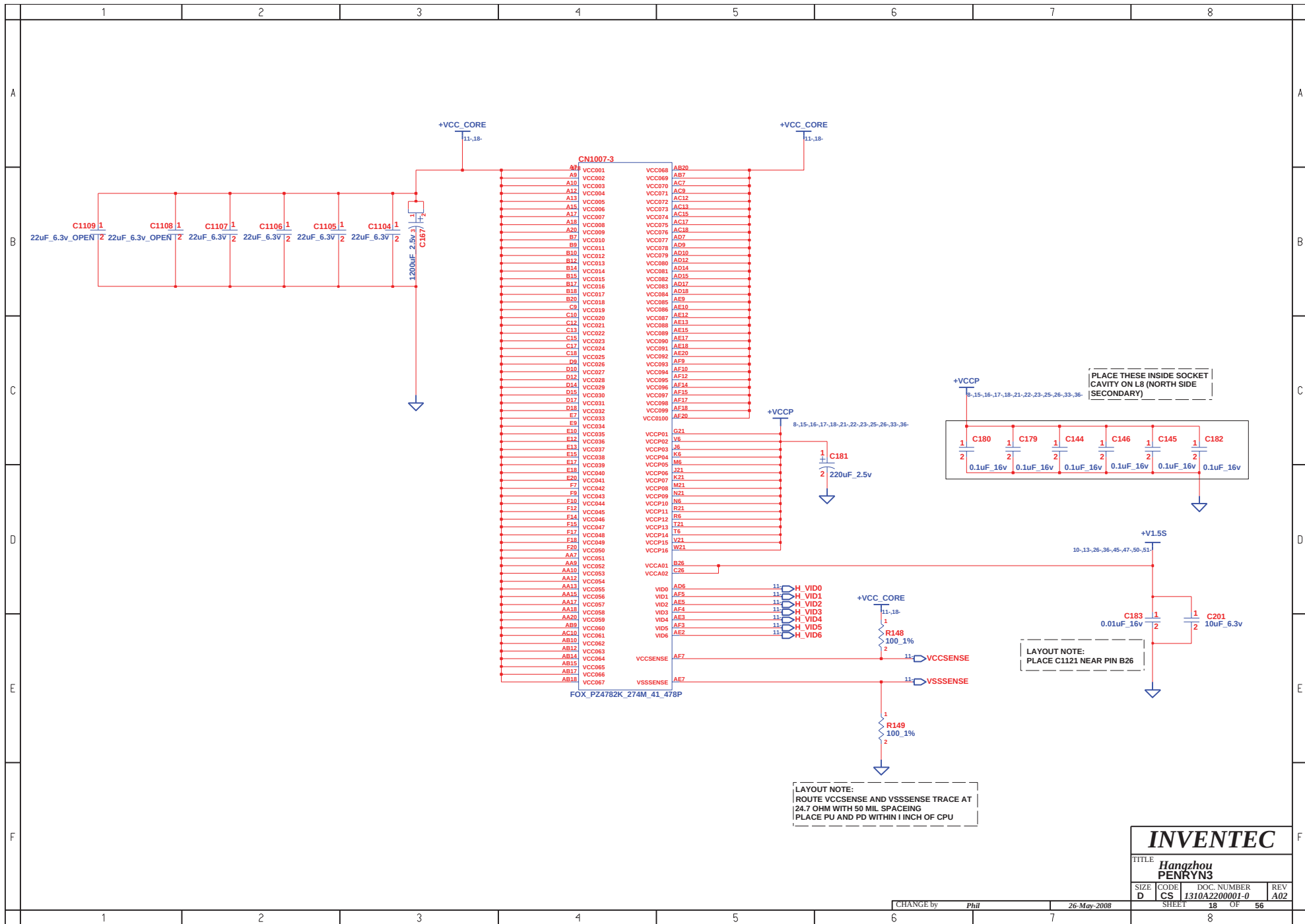
CHANGE by Phil 26-May-2008

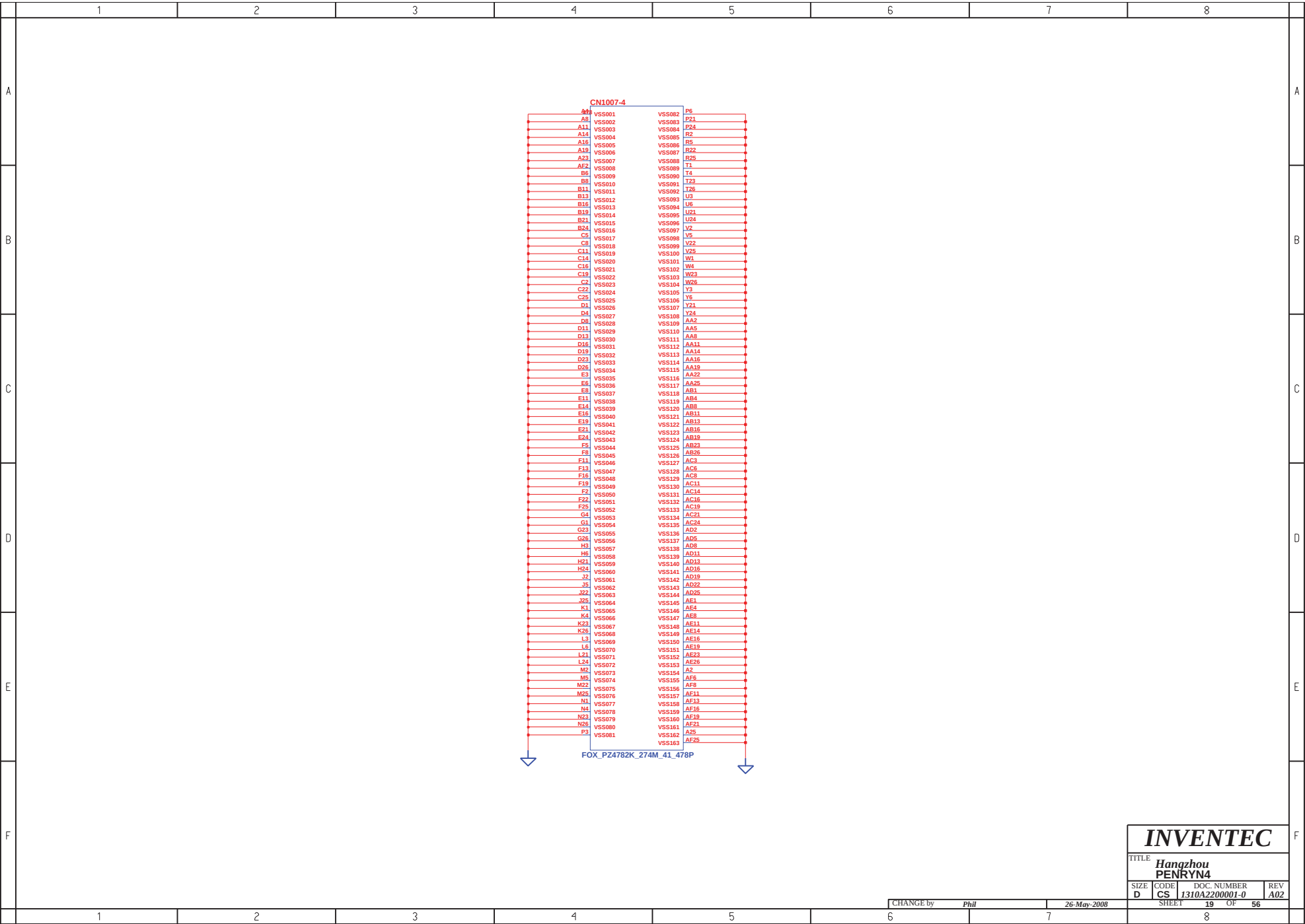
SHEET 14 OF 56









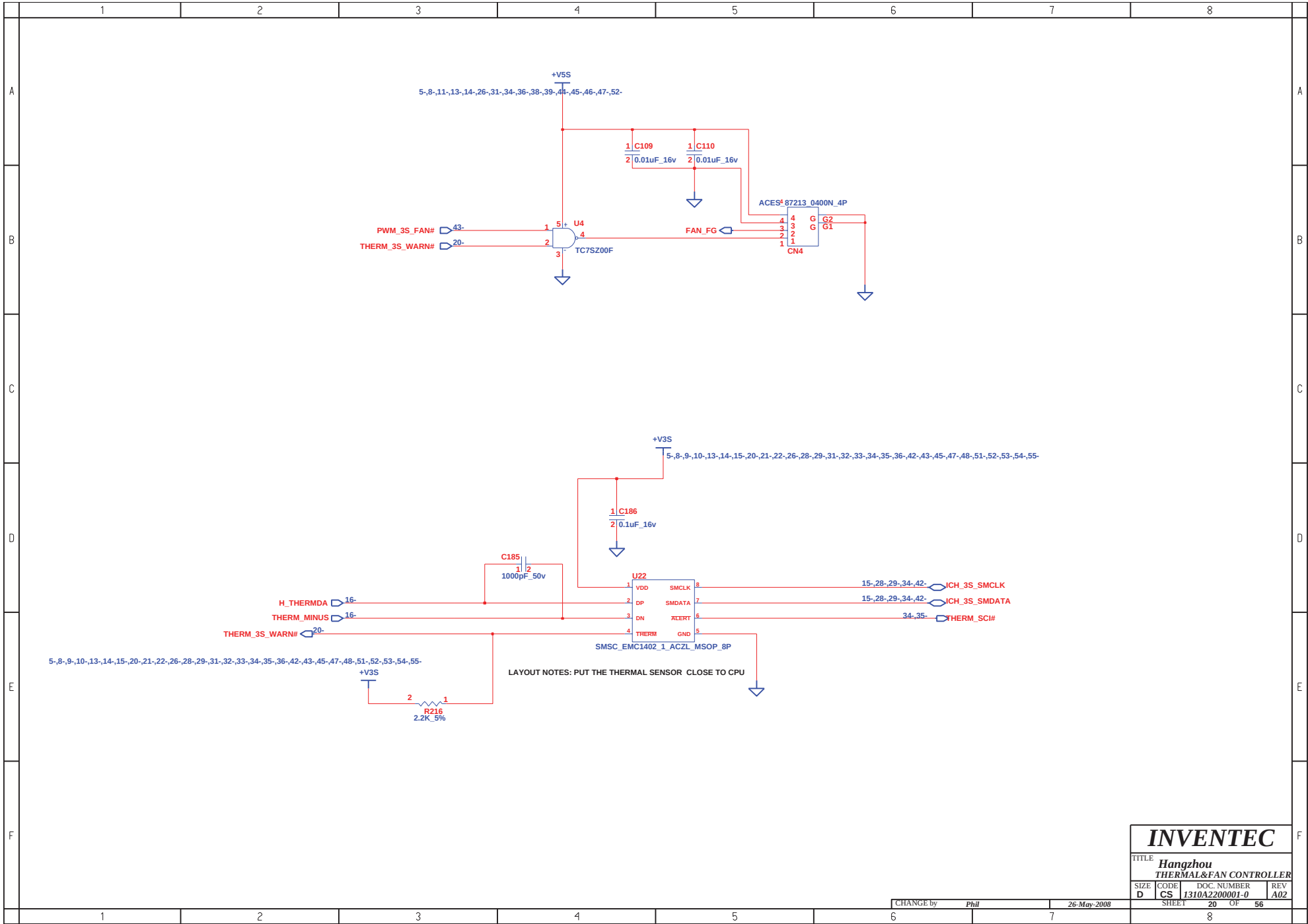


INVENTEC

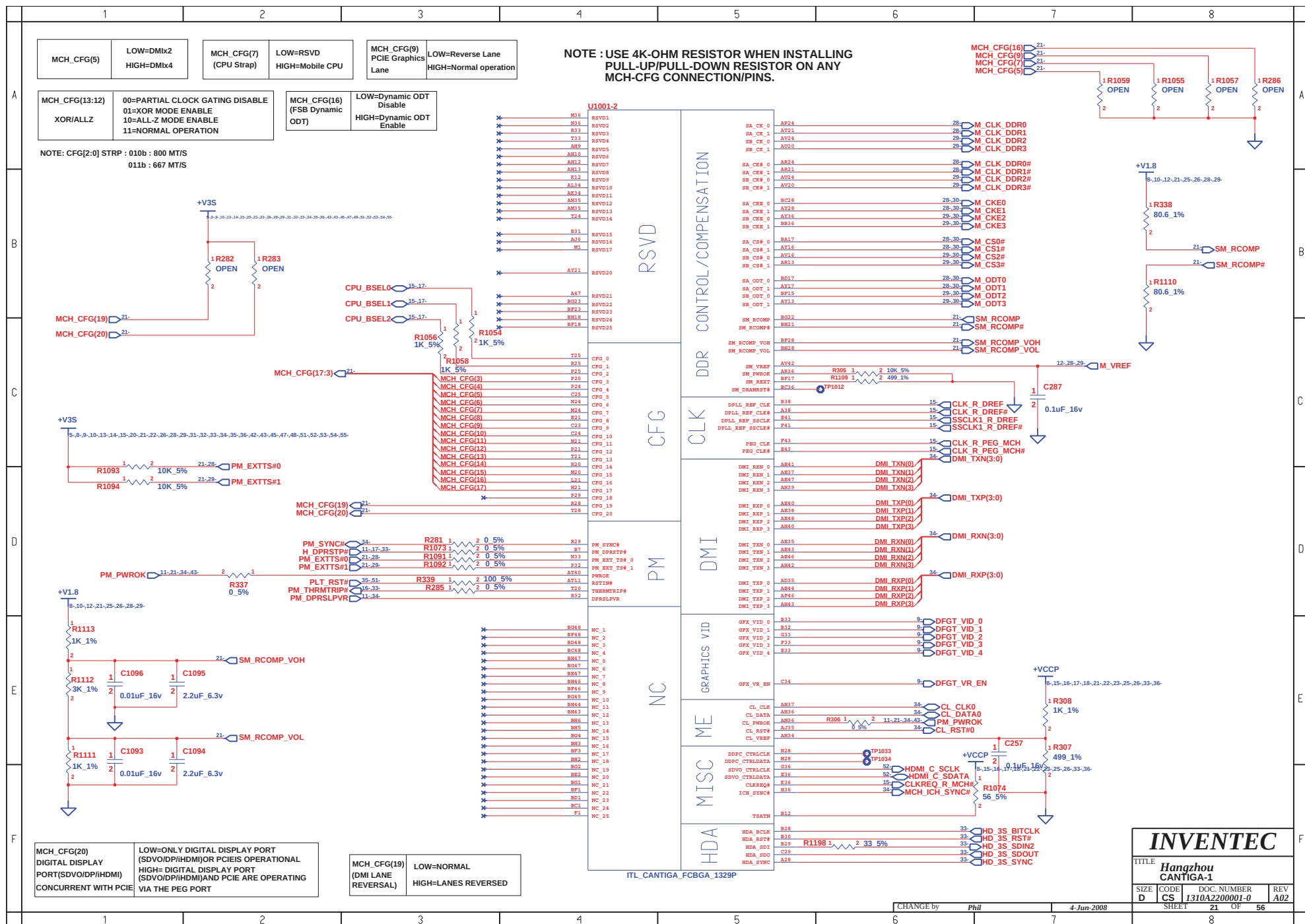
TITLE			
Hangzhou PENRYN4			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

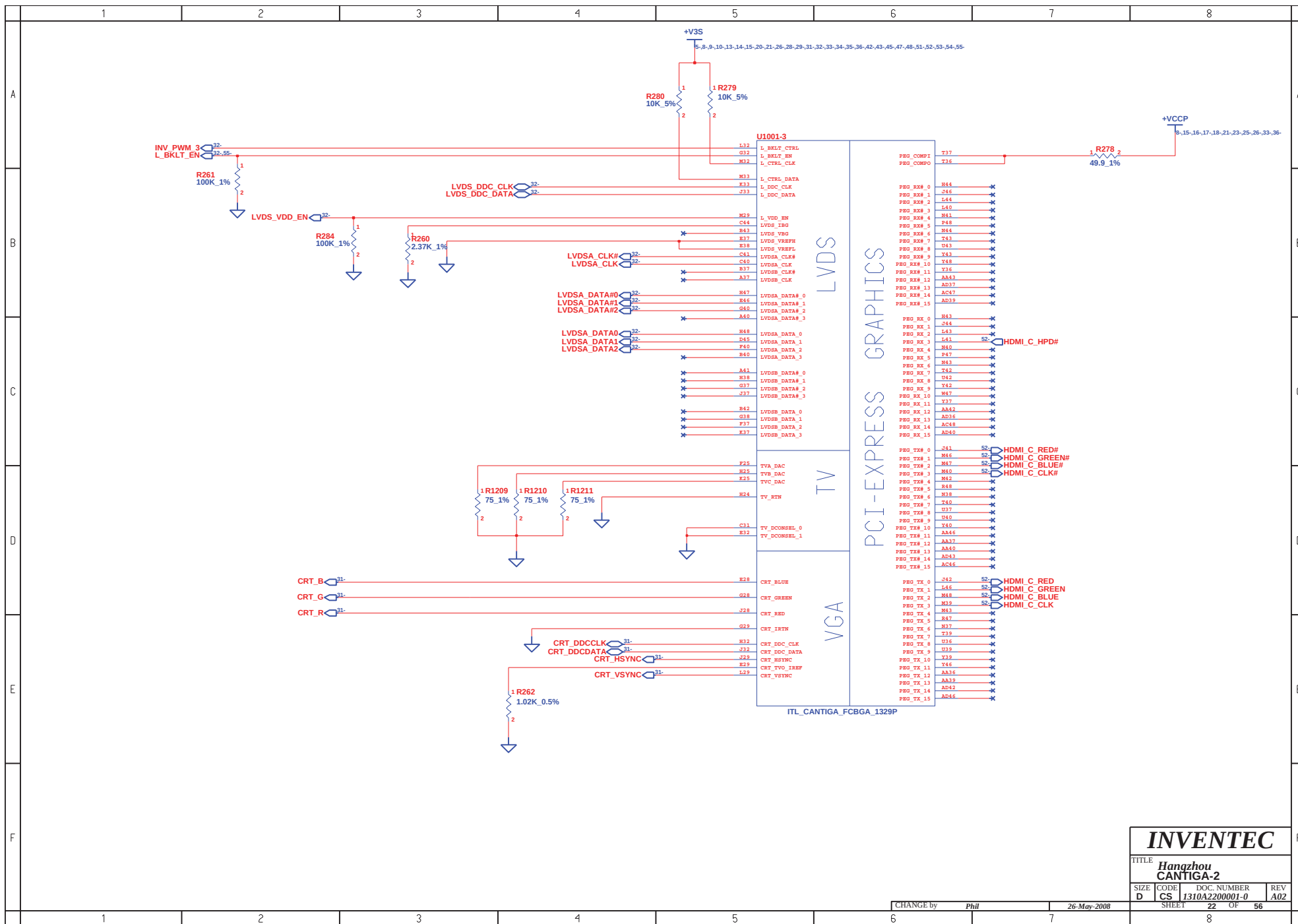
CHANGE by Phil 26-May-2008

SHEET 19 OF 56



INVENTEC			
TITLE			
Hangzhou			
THERMAL&FAN CONTROLLER			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
CHANGE by		26-May-2008	
SHEET		20	OF 56

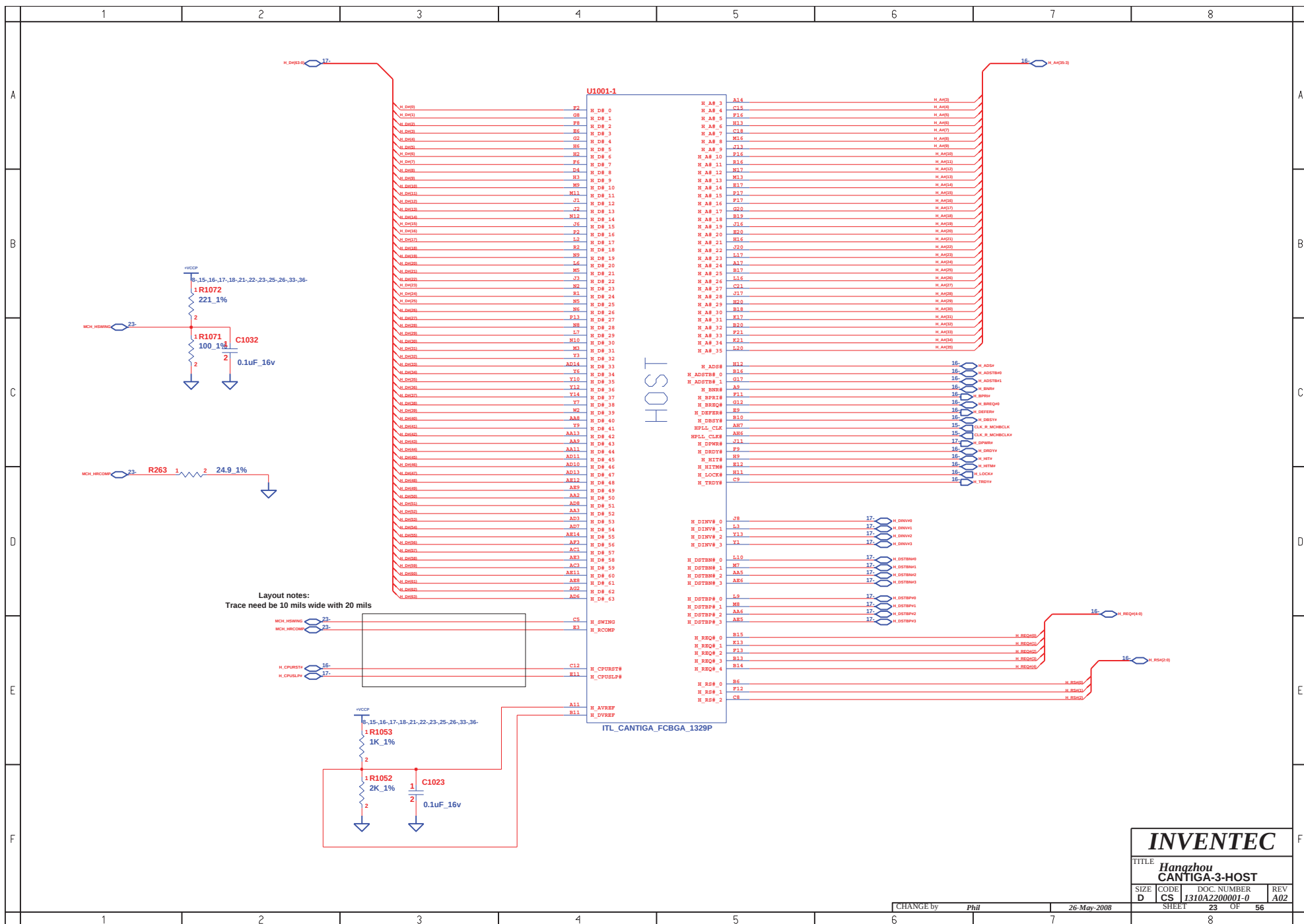


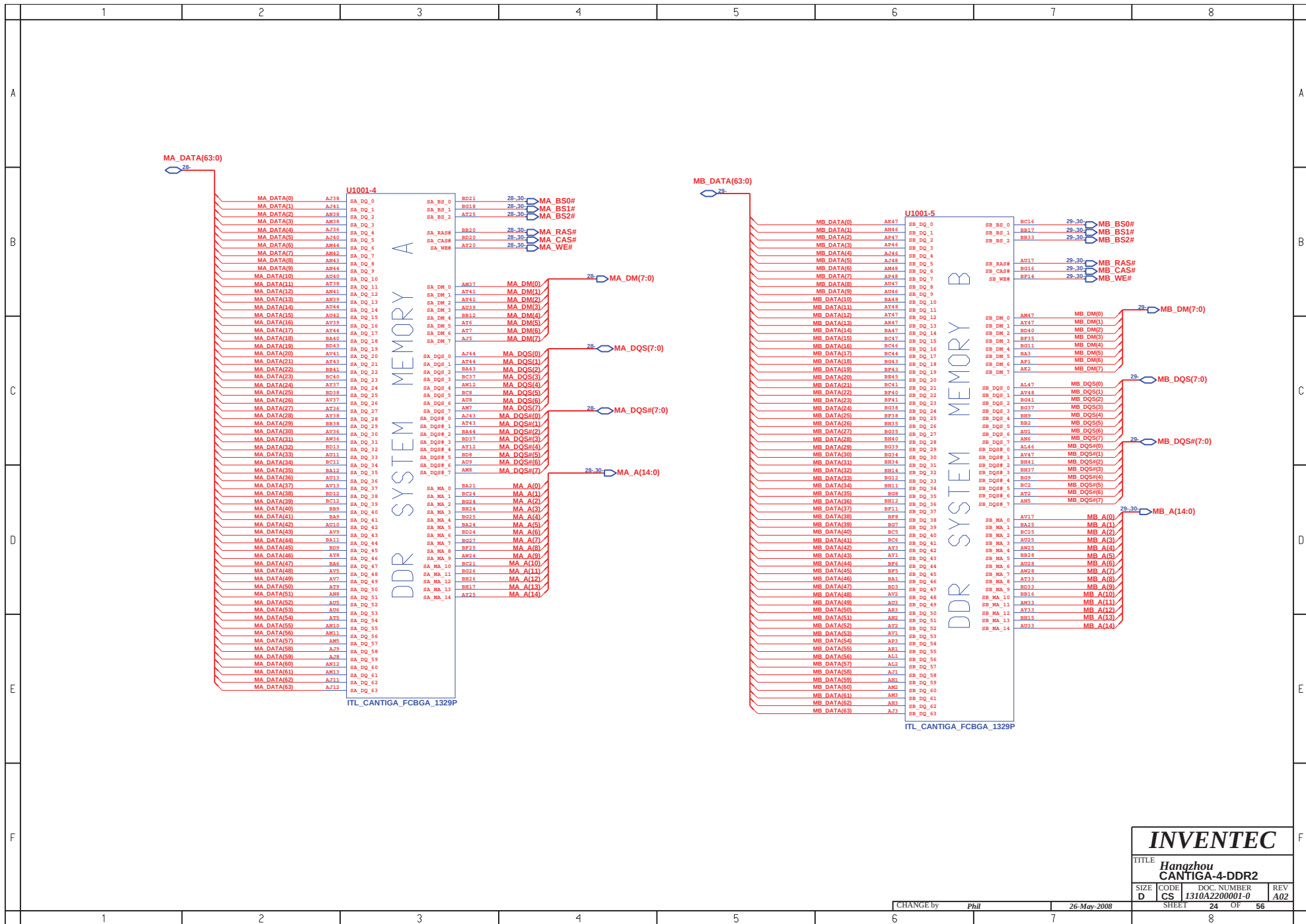


INVENTEC

TITLE			
Hangzhou CANTIGA-2			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
SHEET		22	OF 56

CHANGE by Phil 26-May-2008



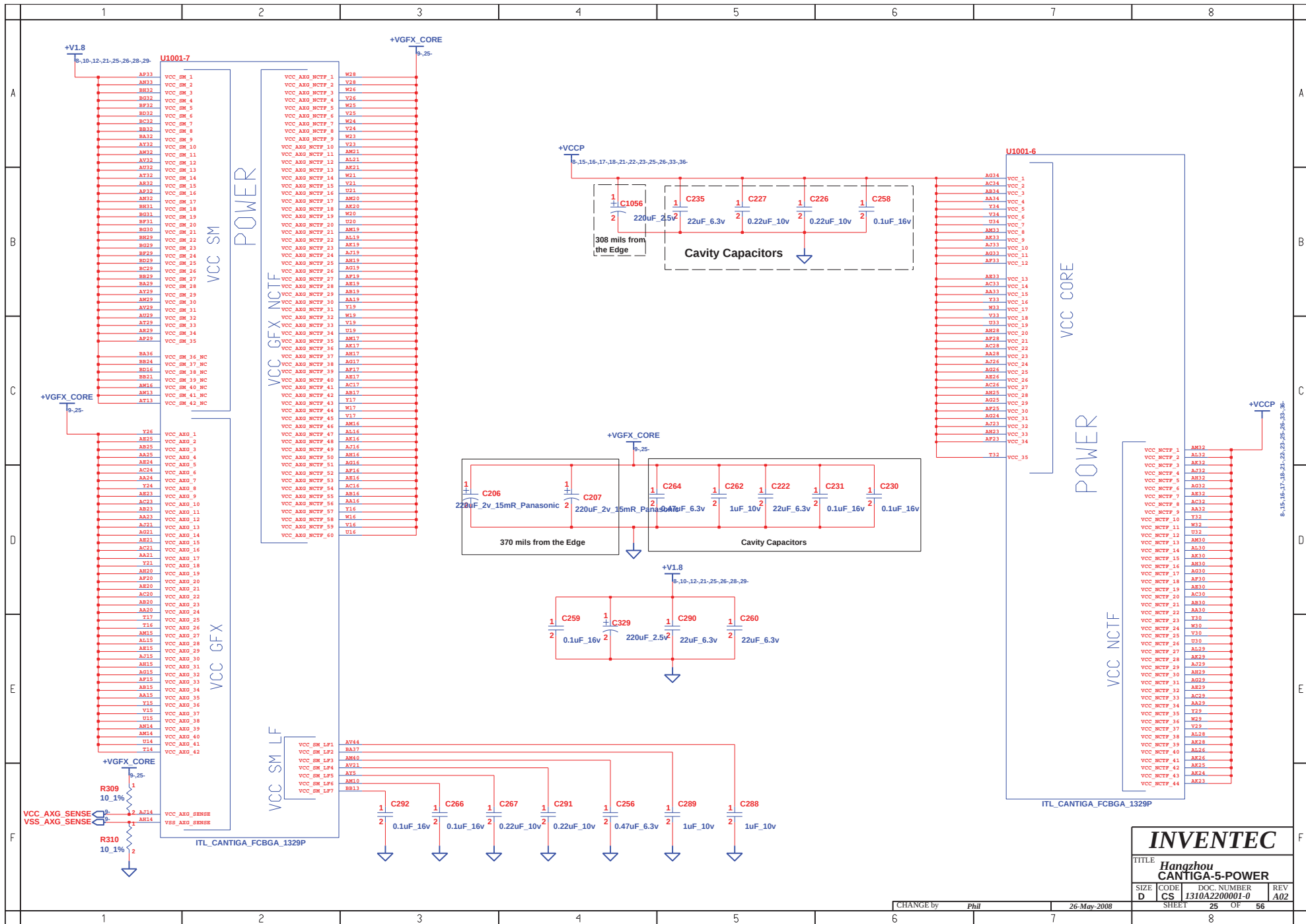


INVENTEC

TITLE			
Hangzhou CANTIGA-4-DDR2			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

CHANGE by Phil 26-May-2008

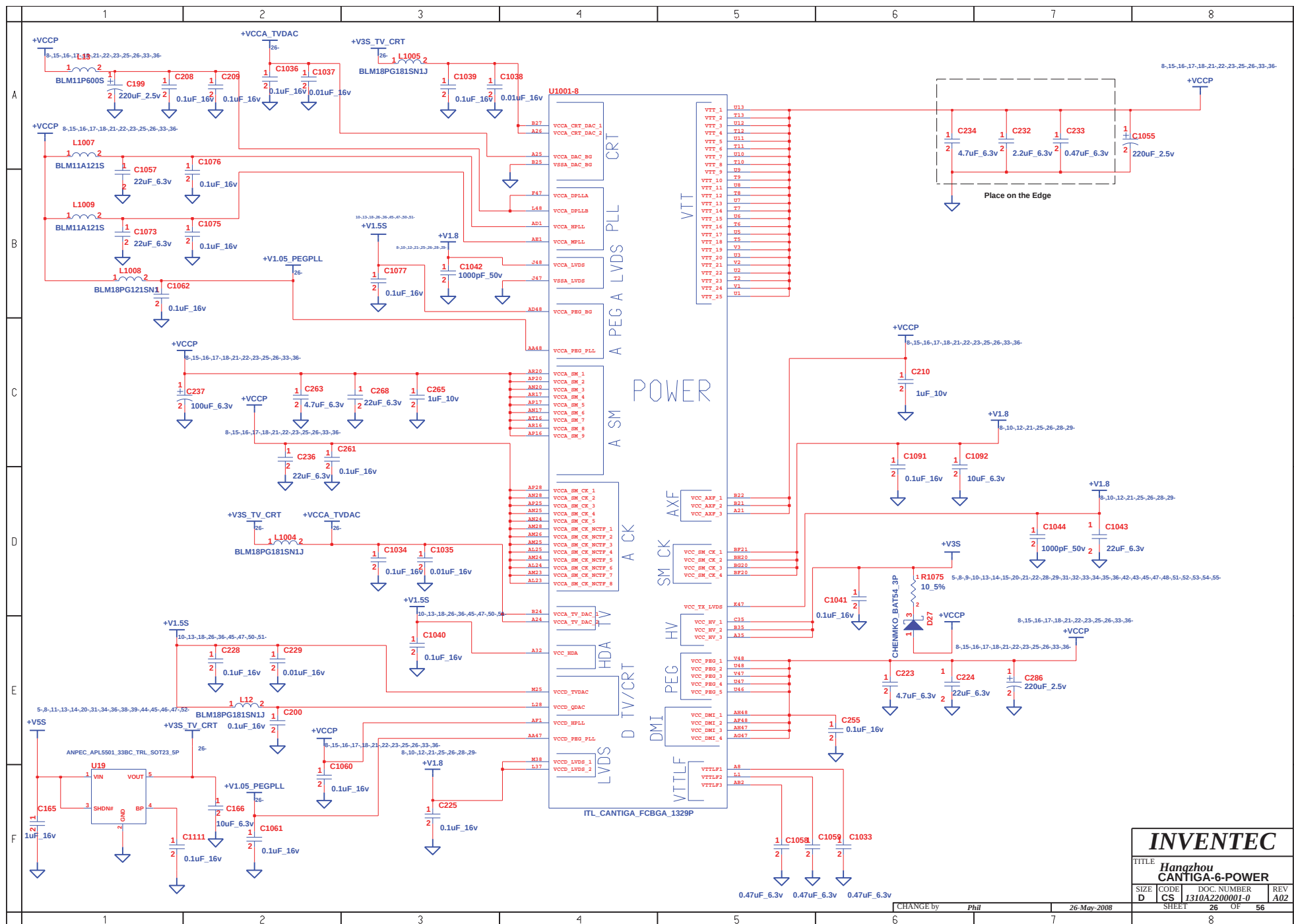
SHEET 24 OF 56



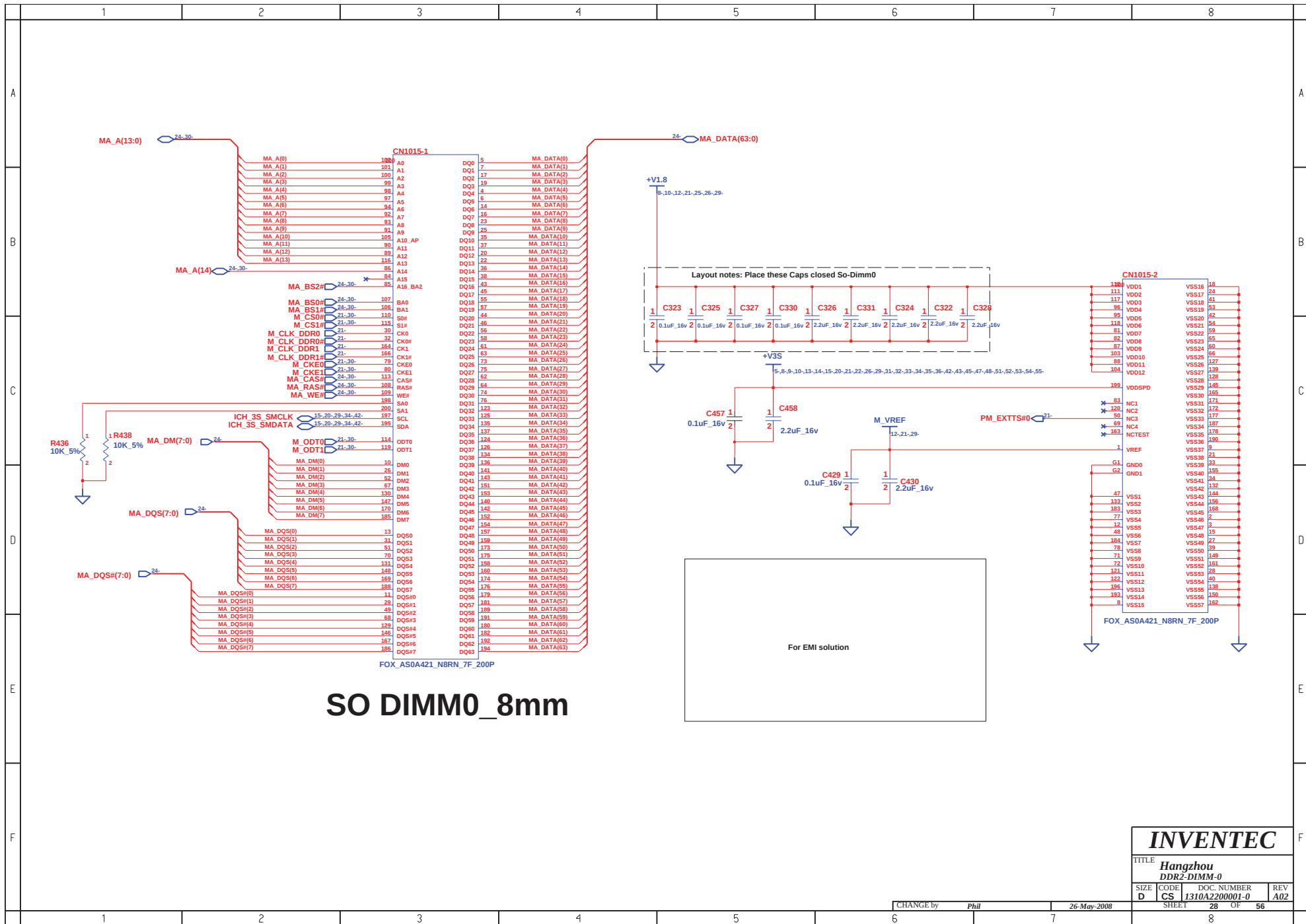
INVENTEC

TITLE			
Hangzhou CANTIGA-5-POWER			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
SHEET		25	OF 56

CHANGE by Phil 26-May-2008



	1	2	3	4	5	6	7	8	
A		U1001-9 AD48 VSS 1 AK48 VSS 2 AM48 VSS 3 BM47 VSS 4 AM47 VSS 5 AM47 VSS 6 AK47 VSS 7 AF47 VSS 8 AD47 VSS 9 AM47 VSS 10 X47 VSS 11 X47 VSS 12 HA7 VSS 13 LA7 VSS 14 GA7 VSS 15 BD46 VSS 16 BA46 VSS 17 AX46 VSS 18 AX46 VSS 19 AX46 VSS 20 AM46 VSS 21 V46 VSS 22 V46 VSS 23 V46 VSS 24 V46 VSS 25 V46 VSS 26 BF44 VSS 27 AM44 VSS 28 AD44 VSS 29 AA44 VSS 30 V44 VSS 31 V44 VSS 32 V44 VSS 33 V44 VSS 34 V44 VSS 35 BC43 VSS 36 AV43 VSS 37 AM43 VSS 38 AM43 VSS 39 V43 VSS 40 V43 VSS 41 BD42 VSS 42 AX42 VSS 43 AX42 VSS 44 AM42 VSS 45 AX42 VSS 46 AM42 VSS 47 HA2 VSS 48 LA2 VSS 49 BD41 VSS 50 AM41 VSS 51 AM41 VSS 52 AD41 VSS 53 V41 VSS 54 AA41 VSS 55 V41 VSS 56 V41 VSS 57 V41 VSS 58 HA1 VSS 59 LA1 VSS 60 BD40 VSS 61 AM40 VSS 62 AM40 VSS 63 AX40 VSS 64 HA0 VSS 65 HA0 VSS 66 HA0 VSS 67 AX39 VSS 68 AM39 VSS 69 AX39 VSS 70 AK39 VSS 71 V39 VSS 72 V39 VSS 73 V39 VSS 74 BD38 VSS 75 BD38 VSS 76 BD38 VSS 77 AD38 VSS 78 AM38 VSS 79 AM38 VSS 80 AM38 VSS 81 V38 VSS 82 V38 VSS 83 V38 VSS 84 V38 VSS 85 V38 VSS 86 C38 VSS 87 BD37 VSS 88 BD37 VSS 89 AM37 VSS 90 AX37 VSS 91 AX37 VSS 92 AX37 VSS 93 V37 VSS 94 C37 VSS 95 BD36 VSS 96 BD36 VSS 97 AK35 VSS 98 AD36 VSS 99 VSS AM16 VSS 100 AE16 VSS 101 F16 VSS 102 LA16 VSS 103 F16 VSS 104 F16 VSS 105 AM15 VSS 106 AA15 VSS 107 V15 VSS 108 V15 VSS 109 V15 VSS 110 V15 VSS 111 BF14 VSS 112 AM14 VSS 113 AF14 VSS 114 AF14 VSS 115 AB14 VSS 116 V14 VSS 117 V14 VSS 118 V14 VSS 119 BD13 VSS 120 V13 VSS 121 DA13 VSS 122 AV13 VSS 123 AB13 VSS 124 AB13 VSS 125 AB13 VSS 126 AB13 VSS 127 F13 VSS 128 HA13 VSS 129 HA13 VSS 130 HA13 VSS 131 V13 VSS 132 V13 VSS 133 V13 VSS 134 V13 VSS 135 AA12 VSS 136 V12 VSS 137 V12 VSS 138 V12 VSS 139 V12 VSS 140 V12 VSS 141 V12 VSS 142 BD18 VSS 143 BD18 VSS 144 DA18 VSS 145 AV18 VSS 146 AX18 VSS 147 AX18 VSS 148 AX18 VSS 149 AM18 VSS 150 AM18 VSS 151 AM18 VSS 152 V18 VSS 153 V18 VSS 154 V18 VSS 155 V18 VSS 156 V18 VSS 157 V18 VSS 158 BP16 VSS 159 AM16 VSS 160 AF16 VSS 161 AB16 VSS 162 AA16 VSS 163 C16 VSS 164 B26 VSS 165 BD45 VSS 166 BD45 VSS 167 BD45 VSS 168 AV25 VSS 169 AB25 VSS 170 AX25 VSS 171 NC15 VSS 172 V15 VSS 173 V15 VSS 174 V15 VSS 175 V15 VSS 176 V15 VSS 177 V15 VSS 178 V15 VSS 179 V15 VSS 180 V15 VSS 181 V15 VSS 182 AA24 VSS 183 AA24 VSS 184 AA24 VSS 185 AB24 VSS 186 LA24 VSS 187 LA24 VSS 188 V24 VSS 189 V24 VSS 190 V24 VSS 191 V24 VSS 192 V24 VSS 193 V24 VSS 194 AG23 VSS 195 V23 VSS 196 V23 VSS 197 B23 VSS 198 AD36 VSS 199 ITL_CANTIGA_FCBGA_1329P					U1001-10 BD21 VSS 199 LA21 VSS 200 AM21 VSS 201 AD21 VSS 202 AF21 VSS 203 AM21 VSS 204 AM21 VSS 205 AF21 VSS 206 AB21 VSS 207 BD21 VSS 208 BD21 VSS 209 BD21 VSS 210 BD21 VSS 211 BD21 VSS 212 BD21 VSS 213 BD21 VSS 214 AM20 VSS 215 AT20 VSS 216 AT20 VSS 217 AD20 VSS 218 AD20 VSS 219 F20 VSS 220 F20 VSS 221 C20 VSS 222 AD20 VSS 223 BD19 VSS 224 AA19 VSS 225 BD19 VSS 226 BD19 VSS 227 AM19 VSS 228 AT19 VSS 229 HA19 VSS 230 HA19 VSS 231 HA19 VSS 232 C19 VSS 233 BD18 VSS 234 BD18 VSS 235 BD18 VSS 236 BD18 VSS 237 BD18 VSS 238 BD18 VSS 239 BD18 VSS 240 BD18 VSS 241 BD18 VSS 242 BD18 VSS 243 BD18 VSS 244 BD18 VSS 245 BD18 VSS 246 BD18 VSS 247 BD18 VSS 248 BD18 VSS 249 BD18 VSS 250 BD18 VSS 251 BD18 VSS 252 AM13 VSS 255 AD13 VSS 256 AM13 VSS 257 HA13 VSS 258 LA13 VSS 259 BD13 VSS 260 BD13 VSS 261 BD13 VSS 262 BD13 VSS 263 BD13 VSS 264 BD13 VSS 265 BD13 VSS 266 BD13 VSS 267 BD13 VSS 268 BD13 VSS 269 BD13 VSS 270 BD13 VSS 271 BD13 VSS 272 BD13 VSS 273 V13 VSS 275 HA13 VSS 276 LA13 VSS 277 BD13 VSS 278 BD13 VSS 279 BD13 VSS 280 BD13 VSS 281 BD13 VSS 282 BD13 VSS 283 BD13 VSS 284 BD13 VSS 285 BD13 VSS 286 BD13 VSS 287 BD13 VSS 288 BD13 VSS 289 BD13 VSS 290 BD13 VSS 291 BD13 VSS 292 BD13 VSS 293 BD13 VSS 294 BD13 VSS 295 BD13 VSS 296 NC 26 NC 27 NC 28 NC 29 NC 30 NC 31 NC 32 NC 33 NC 34 NC 35 NC 36 NC 37 NC 38 NC 39 NC 40 NC 41 NC 42 VSS AM8 VSS 297 Y8 VSS 298 Y8 VSS 299 Y8 VSS 300 Y8 VSS 301 Y8 VSS 302 Y8 VSS 303 Y8 VSS 304 Y8 VSS 305 Y8 VSS 306 Y8 VSS 307 Y8 VSS 308 Y8 VSS 309 Y8 VSS 310 Y8 VSS 311 Y8 VSS 312 Y8 VSS 313 Y8 VSS 314 Y8 VSS 315 Y8 VSS 316 Y8 VSS 317 Y8 VSS 318 Y8 VSS 319 Y8 VSS 320 Y8 VSS 321 Y8 VSS 322 Y8 VSS 323 Y8 VSS 324 Y8 VSS 325 Y8 VSS 326 Y8 VSS 327 Y8 VSS 328 Y8 VSS 329 Y8 VSS 330 Y8 VSS 331 Y8 VSS 332 Y8 VSS 333 Y8 VSS 334 Y8 VSS 335 Y8 VSS 336 Y8 VSS 337 Y8 VSS 338 Y8 VSS 339 Y8 VSS 340 Y8 VSS 341 Y8 VSS 342 Y8 VSS 343 Y8 VSS 344 Y8 VSS 345 Y8 VSS 346 Y8 VSS 347 Y8 VSS 348 Y8 VSS 349 Y8 VSS 350 Y8 VSS 351 Y8 VSS 352 Y8 VSS 353 Y8 VSS 354 Y8 VSS 355 Y8 VSS 356 Y8 VSS 357 Y8 VSS 358 Y8 VSS 359 Y8 VSS 360 Y8 VSS 361 Y8 VSS 362 Y8 VSS 363 Y8 VSS 364 Y8 VSS 365 Y8 VSS 366 Y8 VSS 367 Y8 VSS 368 Y8 VSS 369 Y8 VSS 370 Y8 VSS 371 Y8 VSS 372 Y8 VSS 373 Y8 VSS 374 Y8 VSS 375 Y8 VSS 376 Y8 VSS 377 Y8 VSS 378 Y8 VSS 379 Y8 VSS 380 Y8 VSS 381 Y8 VSS 382 Y8 VSS 383 Y8 VSS 384 Y8 VSS 385 Y8 VSS 386 Y8 VSS 387 Y8 VSS 388 Y8 VSS 389 Y8 VSS 390 Y8 VSS 391 Y8 VSS 392 Y8 VSS 393 Y8 VSS 394 Y8 VSS 395 Y8 VSS 396 Y8 VSS 397 Y8 VSS 398 Y8 VSS 399 Y8 VSS 400 Y8 VSS 401 Y8 VSS 402 Y8 VSS 403 Y8 VSS 404 Y8 VSS 405 Y8 VSS 406 Y8 VSS 407 Y8 VSS 408 Y8 VSS 409 Y8 VSS 410 Y8 VSS 411 Y8 VSS 412 Y8 VSS 413 Y8 VSS 414 Y8 VSS 415 Y8 VSS 416 Y8 VSS 417 Y8 VSS 418 Y8 VSS 419 Y8 VSS 420 Y8 VSS 421 Y8 VSS 422 Y8 VSS 423 Y8 VSS 424 Y8 VSS 425 Y8 VSS 426 Y8 VSS 427 Y8 VSS 428 Y8 VSS 429 Y8 VSS 430 Y8 VSS 431 Y8 VSS 432 Y8 VSS 433 Y8 VSS 434 Y8 VSS 435 Y8 VSS 436 Y8 VSS 437 Y8 VSS 438 Y8 VSS 439 Y8 VSS 440 Y8 VSS 441 Y8 VSS 442 Y8 VSS 443 Y8 VSS 444 Y8 VSS 445 Y8 VSS 446 Y8 VSS 447 Y8 VSS 448 Y8 VSS 449 Y8 VSS 450 Y8 VSS 451 Y8 VSS 452 Y8 VSS 453 Y8 VSS 454 Y8 VSS 455 Y8 VSS 456 Y8 VSS 457 Y8 VSS 458 Y8 VSS 459 Y8 VSS 460 Y8 VSS 461 Y8 VSS 462 Y8 VSS 463 Y8 VSS 464 Y8 VSS 465 Y8 VSS 466 Y8 VSS 467 Y8 VSS 468 Y8 VSS 469 Y8 VSS 470 Y8 VSS 471 Y8 VSS 472 Y8 VSS 473 Y8 VSS 474 Y8 VSS 475 Y8 VSS 476 Y8 VSS 477 Y8 VSS 478 Y8 VSS 479 Y8 VSS 480 Y8 VSS 481 Y8 VSS 482 Y8 VSS 483 Y8 VSS 484 Y8 VSS 485 Y8 VSS 486 Y8 VSS 487 Y8 VSS 488 Y8 VSS 489 Y8 VSS 490 Y8 VSS 491 Y8 VSS 492 Y8 VSS 493 Y8 VSS 494 Y8 VSS 495 Y8 VSS 496 Y8 VSS 497 Y8 VSS 498 Y8 VSS 499 Y8 VSS 500 Y8 VSS 501 Y8 VSS 502 Y8 VSS 503 Y8 VSS 504 Y8 VSS 505 Y8 VSS 506 Y8 VSS 507 Y8 VSS 508 Y8 VSS 509 Y8 VSS 510 Y8 VSS 511 Y8 VSS 512 Y8 VSS 513 Y8 VSS 514 Y8 VSS 515 Y8 VSS 516 Y8 VSS 517 Y8 VSS 518 Y8 VSS 519 Y8 VSS 520 Y8 VSS 521 Y8 VSS 522 Y8 VSS 523 Y8 VSS 524 Y8 VSS 525 Y8 VSS 526 Y8 VSS 527 Y8 VSS 528 Y8 VSS 529 Y8 VSS 530 Y8 VSS 531 Y8 VSS 532 Y8 VSS 533 Y8 VSS 534 Y8 VSS 535 Y8 VSS 536 Y8 VSS 537 Y8 VSS 538 Y8 VSS 539 Y8 VSS 540 Y8 VSS 541 Y8 VSS 542 Y8 VSS 543 Y8 VSS 544 Y8 VSS 545 Y8 VSS 546 Y8 VSS 547 Y8 VSS 548 Y8 VSS 549 Y8 VSS 550 Y8 VSS 551 Y8 VSS 552 Y8 VSS 553 Y8 VSS 554 Y8 VSS 555 Y8 VSS 556 Y8 VSS 557 Y8 VSS 558 Y8 VSS 559 Y8 VSS 560 Y8 VSS 561 Y8 VSS 562 Y8 VSS 563 Y8 VSS 564 Y8 VSS 565 Y8 VSS 566 Y8 VSS 567 Y8 VSS 568 Y8 VSS 569 Y8 VSS 570 Y8 VSS 571 Y8 VSS 572 Y8 VSS 573 Y8 VSS 574 Y8 VSS 575 Y8 VSS 576 Y8 VSS 577 Y8 VSS 578 Y8 VSS 579 Y8 VSS 580 Y8 VSS 581 Y8 VSS 582 Y8 VSS 583 Y8 VSS 584 Y8 VSS 585 Y8 VSS 586 Y8 VSS 587 Y8 VSS 588 Y8 VSS 589 Y8 VSS 590 Y8 VSS 591 Y8 VSS 592 Y8 VSS 593 Y8 VSS 594 Y8 VSS 595 Y8 VSS 596 Y8 VSS 597 Y8 VSS 598 Y8 VSS 599 Y8 VSS 600 Y8 VSS 601 Y8 VSS 602 Y8 VSS 603 Y8 VSS 604 Y8 VSS 605 Y8 VSS 606 Y8 VSS 607 Y8 VSS 608 Y8 VSS 609 Y8 VSS 610 Y8 VSS 611 Y8 VSS 612 Y8 VSS 613 Y8 VSS 614 Y8 VSS 615 Y8 VSS 616 Y8 VSS 617 Y8 VSS 618 Y8 VSS 619 Y8 VSS 620 Y8 VSS 621 Y8 VSS 622 Y8 VSS 623 Y8 VSS 624 Y8 VSS 625 Y8 VSS 626 Y8 VSS 627 Y8 VSS 628 Y8 VSS 629 Y8 VSS 630 Y8 VSS 631 Y8 VSS 632 Y8 VSS 633 Y8 VSS 634 Y8 VSS 635 Y8 VSS 636 Y8 VSS 637 Y8 VSS 638 Y8 VSS 639 Y8 VSS 640 Y8 VSS 641 Y8 VSS 642 Y8 VSS 643 Y8 VSS 644 Y8 VSS 645 Y8 VSS 646 Y8 VSS 647 Y8 VSS 648 Y8 VSS 649 Y8 VSS 650 Y8 VSS 651 Y8 VSS 652 Y8 VSS 653 Y8 VSS 654 Y8 VSS 655 Y8 VSS 656 Y8 VSS 657 Y8 VSS 658 Y8 VSS 659 Y8 VSS 660 Y8 VSS 661 Y8 VSS 662 Y8 VSS 663 Y8 VSS 664 Y8 VSS 665 Y8 VSS 666 Y8 VSS 667 Y8 VSS 668 Y8 VSS 669 Y8 VSS 670 Y8 VSS 671 Y8 VSS 672 Y8 VSS 673 Y8 VSS 674 Y8 VSS 675 Y8 VSS 676 Y8 VSS 677 Y8 VSS 678 Y8 VSS 679 Y8 VSS 680 Y8 VSS 681 Y8 VSS 682 Y8 VSS 683 Y8 VSS 684 Y8 VSS 685 Y8 VSS 686 Y8 VSS 687 Y8 VSS 688 Y8 VSS 689 Y8 VSS 690 Y8 VSS 691 Y8 VSS 692 Y8 VSS 693 Y8 VSS 694 Y8 VSS 695 Y8 VSS 696 Y8 VSS 697 Y8 VSS 698 Y8 VSS 699 Y8 VSS 700 Y8 VSS 701 Y8 VSS 702 Y8 VSS 703 Y8 VSS 704 Y8 VSS 705 Y8 VSS 706 Y8 VSS 707 Y8 VSS 708 Y8 VSS 709 Y8 VSS 710 Y8 VSS 711 Y8 VSS 712 Y8 VSS 713 Y8 VSS 714 Y8 VSS 715 Y8 VSS 716 Y8 VSS 717 Y8 VSS 718 Y8 VSS 719 Y8 VSS 720 Y8 VSS 721 Y8 VSS 722 Y8 VSS 723 Y8 VSS 724 Y8 VSS 725 Y8 VSS 726 Y8 VSS 727 Y8 VSS 728 Y8 VSS 729 Y8 VSS 730 Y8 VSS 731 Y8 VSS 732 Y8 VSS 733 Y8 VSS 734 Y8 VSS 735 Y8 VSS 736 Y8 VSS 737 Y8 VSS 738 Y8 VSS 739 Y8 VSS 740 Y8 VSS 741 Y8 VSS 742 Y8 VSS 743 Y8 VSS 744 Y8 VSS 745 Y8 VSS 746 Y8 VSS 747 Y8 VSS 748 Y8 VSS 749 Y8 VSS 750 Y8 VSS 751 Y8 VSS 752 Y8 VSS 753 Y8 VSS 754 Y8 VSS 755 Y8 VSS 756 Y8 VSS 757 Y8 VSS 758 Y8 VSS 759 Y8 VSS 760 Y8 VSS 761 Y8 VSS 762 Y8 VSS 763 Y8 VSS 764 Y8 VSS 765 Y8 VSS 766 Y8 VSS 767 Y8 VSS 768 Y8 VSS 769 Y8 VSS 770 Y8 VSS 771 Y8 VSS 772 Y8 VSS 773 Y8 VSS 774 Y8 VSS 775 Y8 VSS 776 Y8 VSS 777 Y8 VSS 778 Y8 VSS 779 Y8 VSS 780 Y8 VSS 781 Y8 VSS 782 Y8 VSS 783 Y8 VSS 784 Y8 VSS 785 Y8 VSS 786 Y8 VSS 787 Y8 VSS 788 Y8 VSS 789 Y8 VSS 790 Y8 VSS 791 Y8 VSS 792 Y8 VSS 793 Y8 VSS 794 Y8 VSS 795 Y8 VSS 796 Y8 VSS 797 Y8 VSS 798 Y8 VSS 799 Y8 VSS 800 Y8 VSS 801 Y8 VSS 802 Y8 VSS 803 Y8 VSS 804 Y8 VSS 805 Y8 VSS 806 Y8 VSS 807 Y8 VSS 808 Y8 VSS 809 Y8 VSS 810 Y8 VSS 811 Y8 VSS 812 Y8 VSS 813 Y8 VSS 814 Y8 VSS 815 Y8 VSS 816 Y8 VSS 817 Y8 VSS 818 Y8 VSS 819 Y8 VSS 820 Y8 VSS 821 Y8 VSS 822 Y8 VSS 823 Y8 VSS 824 Y8 VSS 825 Y8 VSS 826 Y8 VSS 827 Y8 VSS 828 Y8 VSS 829 Y8 VSS 830 Y8 VSS 831 Y8 VSS 832 Y8 VSS 833 Y8 VSS 834 Y8 VSS 835 Y8 VSS 836 Y8 VSS 837 Y8 VSS 838 Y8 VSS 839 Y8 VSS 840 Y8 VSS 841 Y8 VSS 842 Y8 VSS 843 Y8 VSS 844 Y8 VSS 845 Y8 VSS 846 Y8 VSS 847 Y8 VSS 848 Y8 VSS 849 Y8 VSS 850 Y8 VSS 851 Y8 VSS 852 Y8 VSS 853 Y8 VSS 854 Y8 VSS 855 Y8 VSS 856 Y8 VSS 857 Y8 VSS 858 Y8 VSS 859 Y8 VSS 860 Y8 VSS 861 Y8 VSS 862 Y8 VSS 863 Y8 VSS 864 Y8 VSS 865 Y8 VSS 866 Y8 VSS 867 Y8 VSS 868 Y8 VSS 869 Y8 VSS 870 Y8 VSS 871 Y8 VSS 872 Y8 VSS 873 Y8 VSS 874 Y8 VSS 875 Y8 VSS 876 Y8 VSS 877 Y8 VSS 878 Y8 VSS 879 Y8 VSS 880 Y8 VSS 881 Y8 VSS 882 Y8 VSS 883 Y8 VSS 884 Y8 VSS 885 Y8 VSS 886 Y8 VSS 887 Y8 VSS 888 Y8 VSS 889 Y8 VSS 890 Y8 VSS 891 Y8 VSS 892 Y8 VSS 893 Y8 VSS 894 Y8 VSS 895 Y8 VSS 896 Y8 VSS 897 Y8 VSS 898 Y8 VSS 899 Y8 VSS 900 Y8 VSS 901 Y8 VSS 902 Y8 VSS 903 Y8 VSS 904 Y8 VSS 905 Y8 VSS 906 Y8 VSS 907 Y8 VSS 908 Y8 VSS 909 Y8 VSS 910 Y8 VSS 911 Y8 VSS 912 Y8 VSS 913 Y8 VSS 914 Y8 VSS 915 Y8 VSS 916 Y8 VSS 917 Y8 VSS 918 Y8 VSS 919 Y8 VSS 920 Y8 VSS 921 Y8 VSS 922 Y		



SO DIMM0_8mm

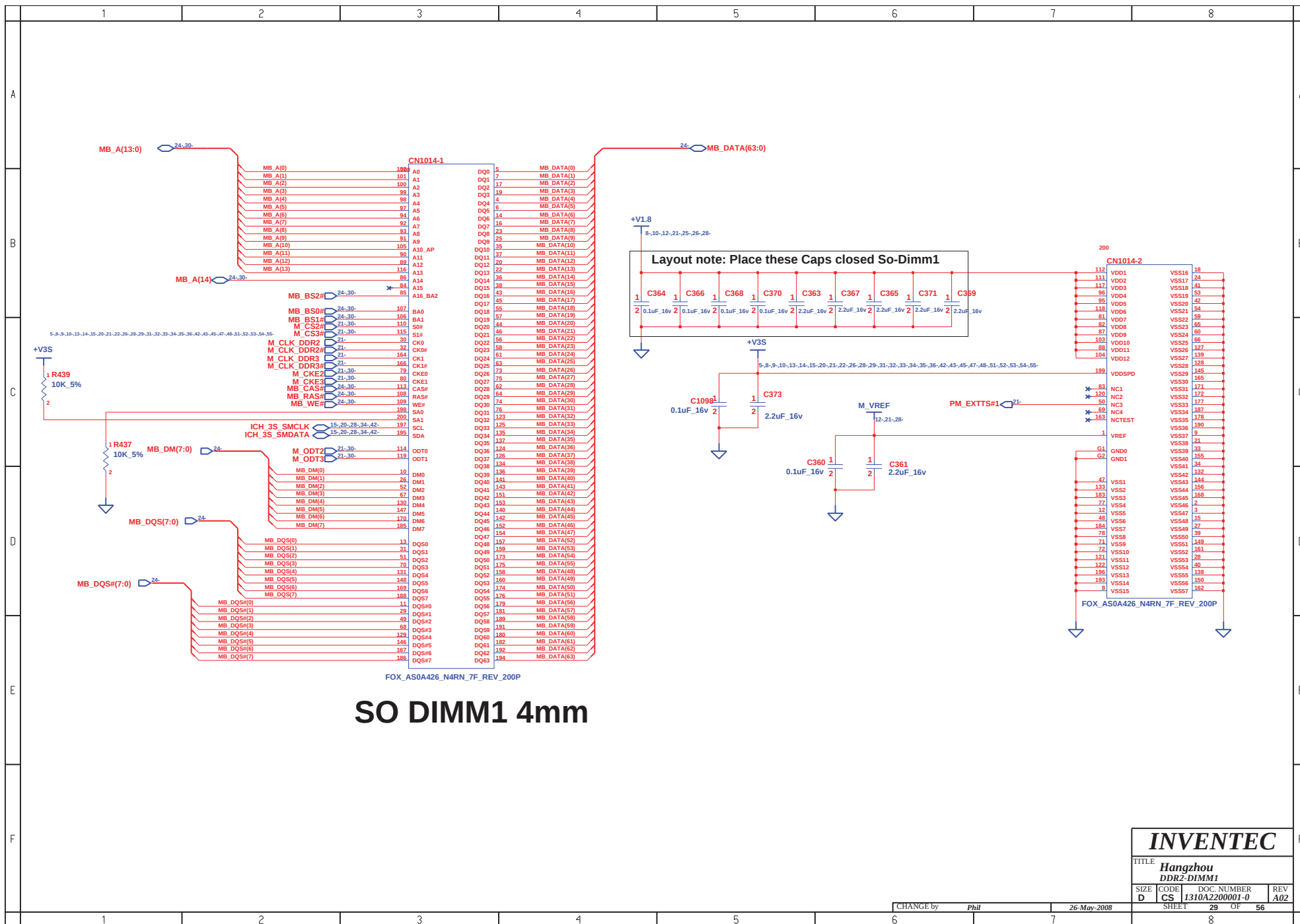
INVENTEC

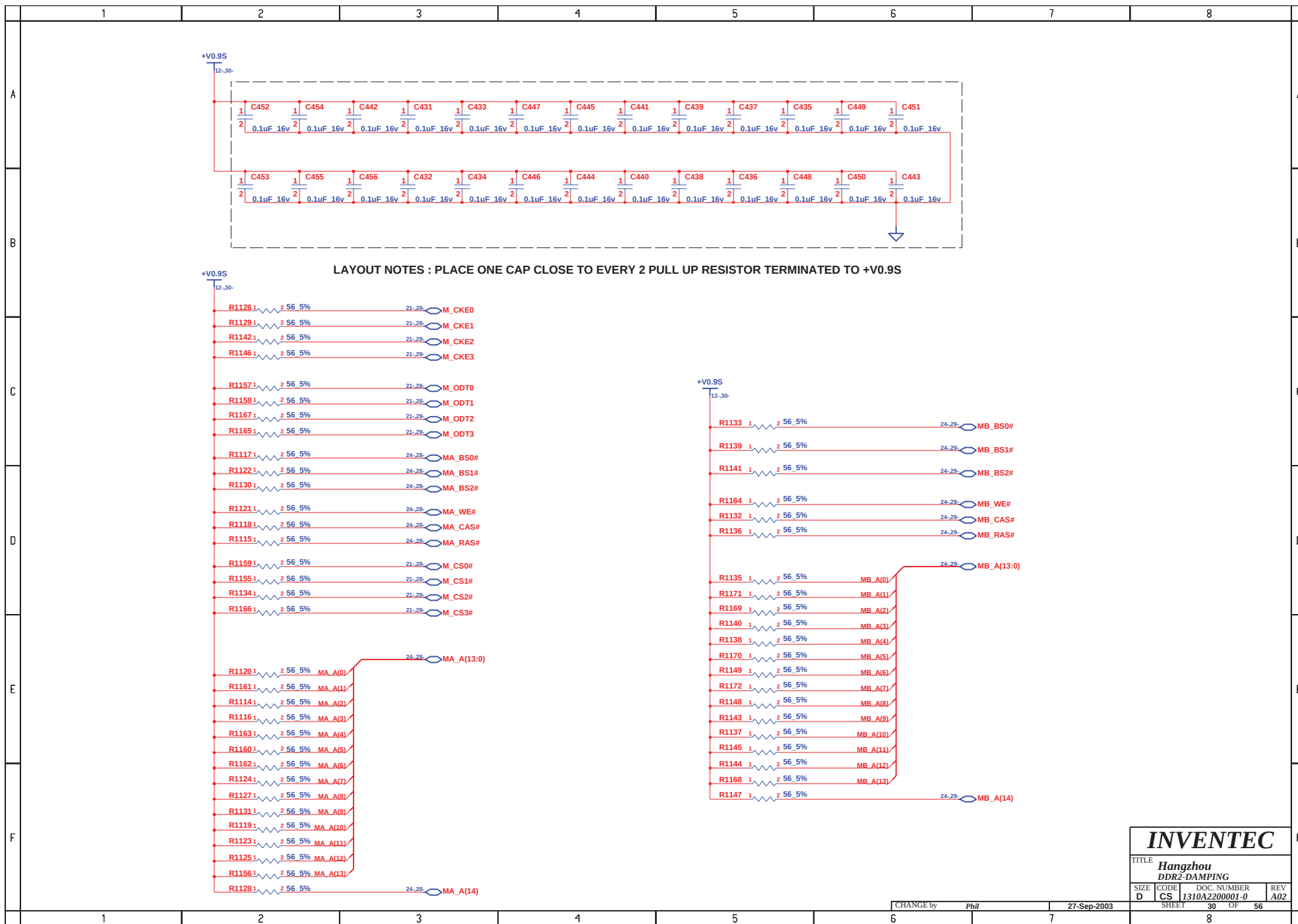
TITLE
Hangzhou
DDR2-DIMM-0

SIZE CODE DOC. NUMBER REV
D CS 1310A2200001-0 A02

CHANGE by Phil 26-May-2008

SHEET 28 OF 56

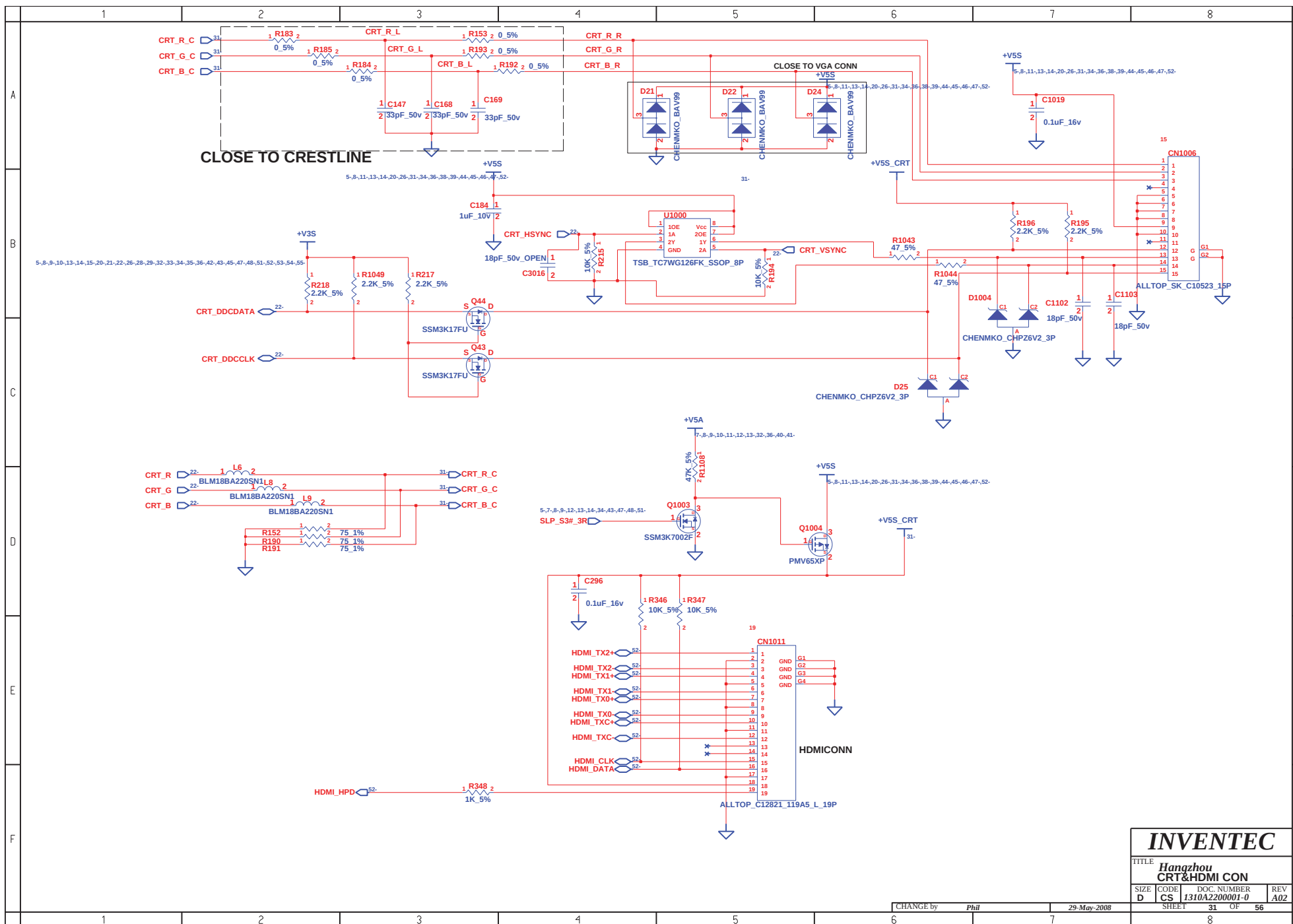


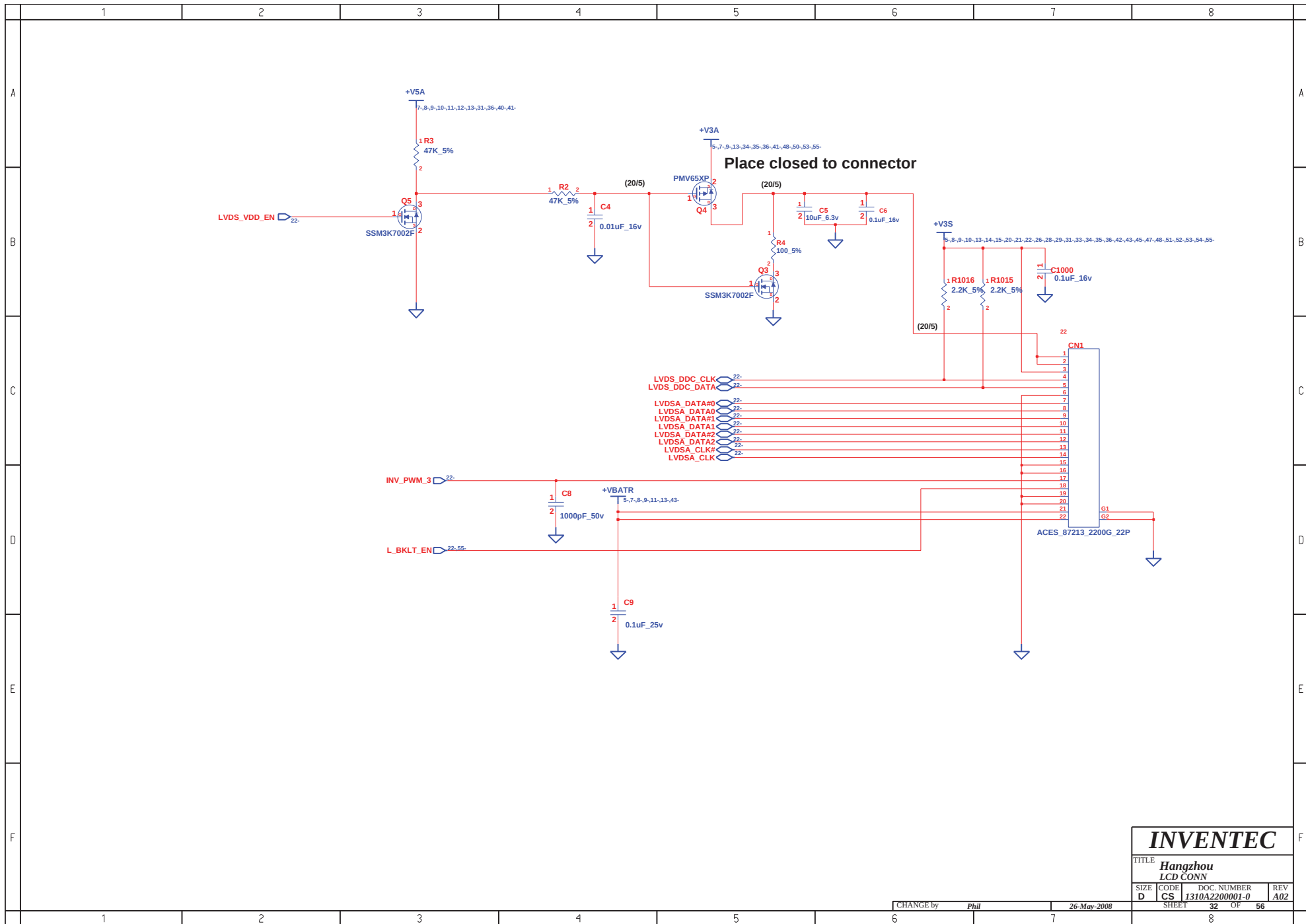


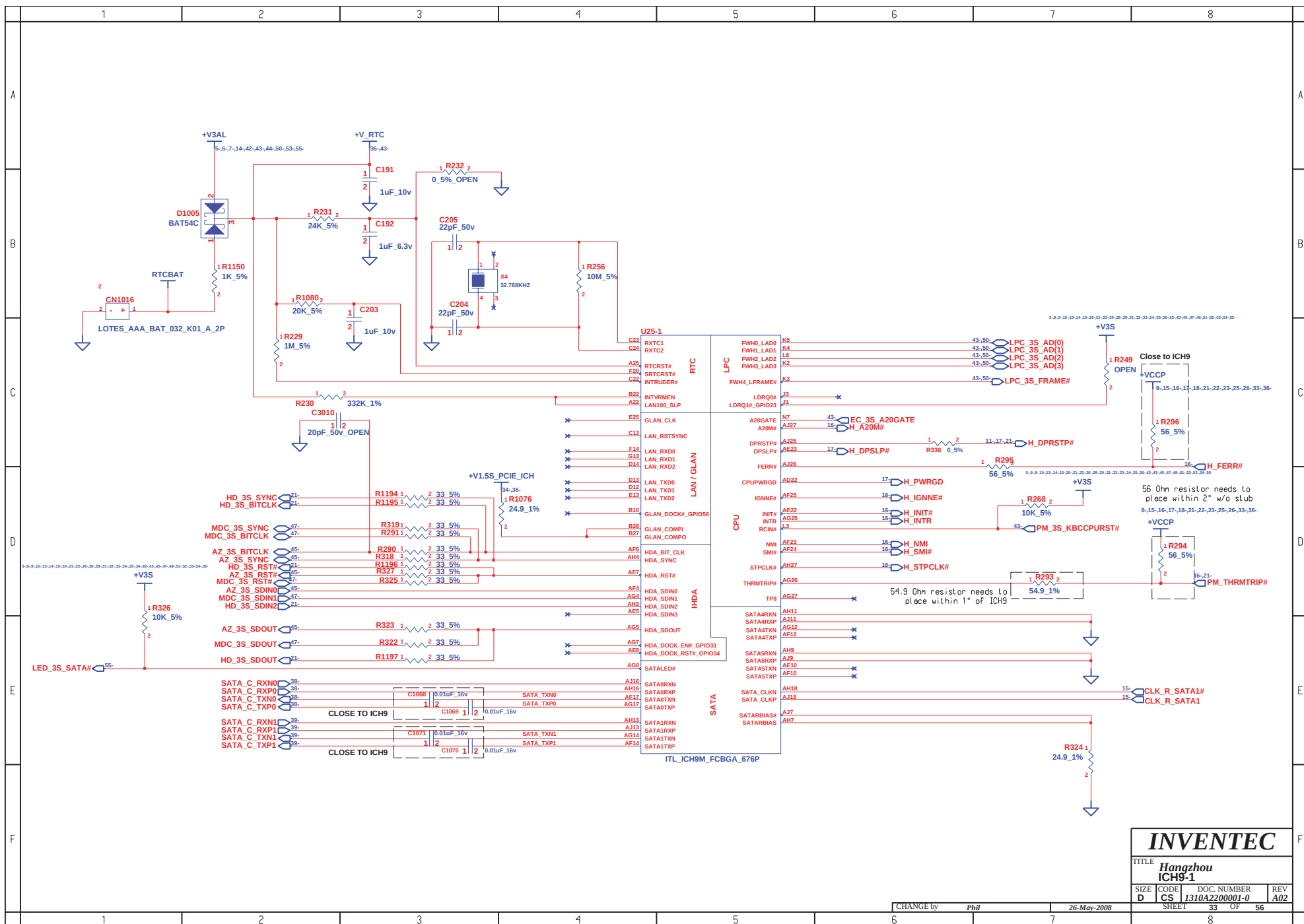
INVENTEC

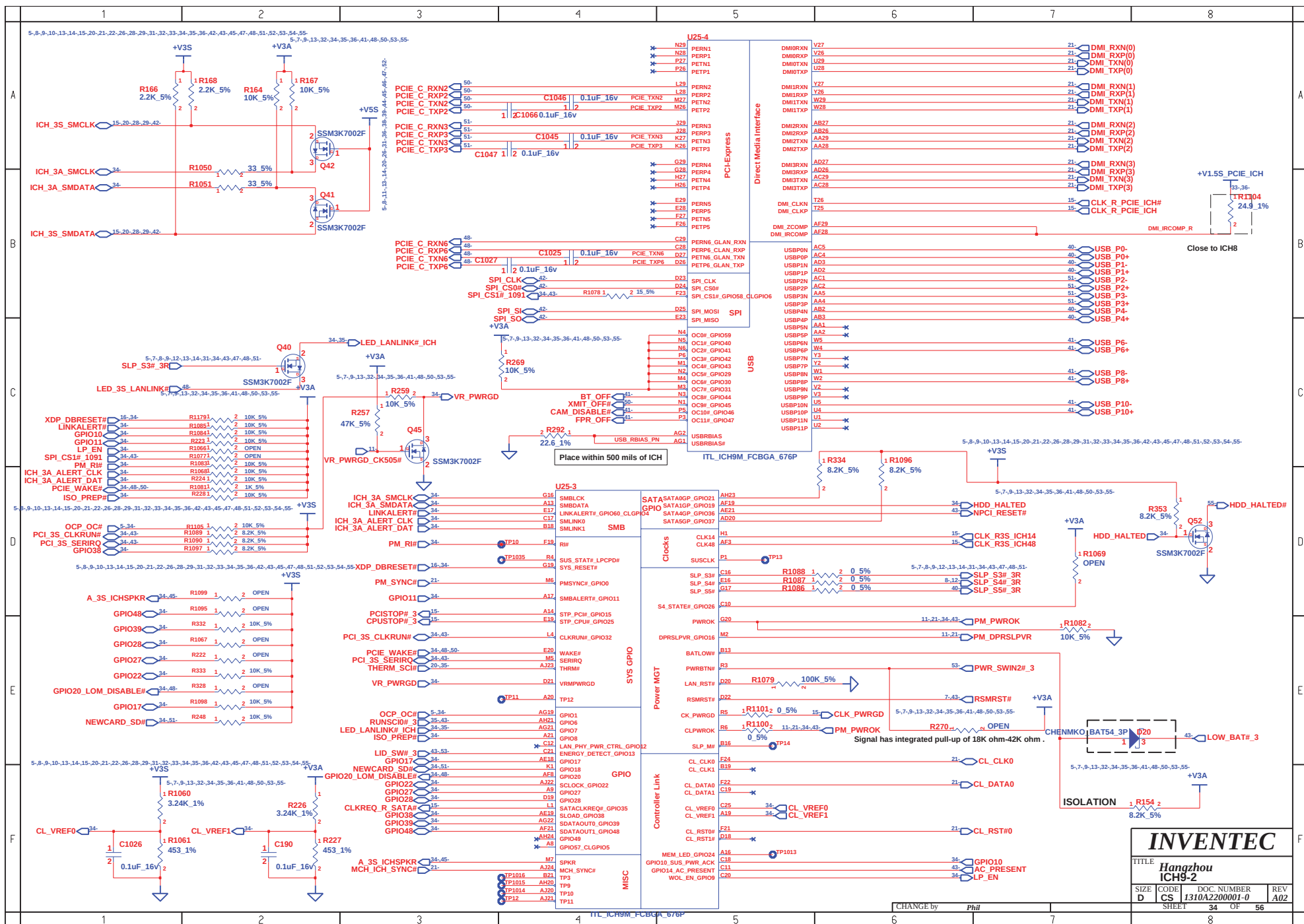
TITLE
Hangzhou
DDR2-DAMPING

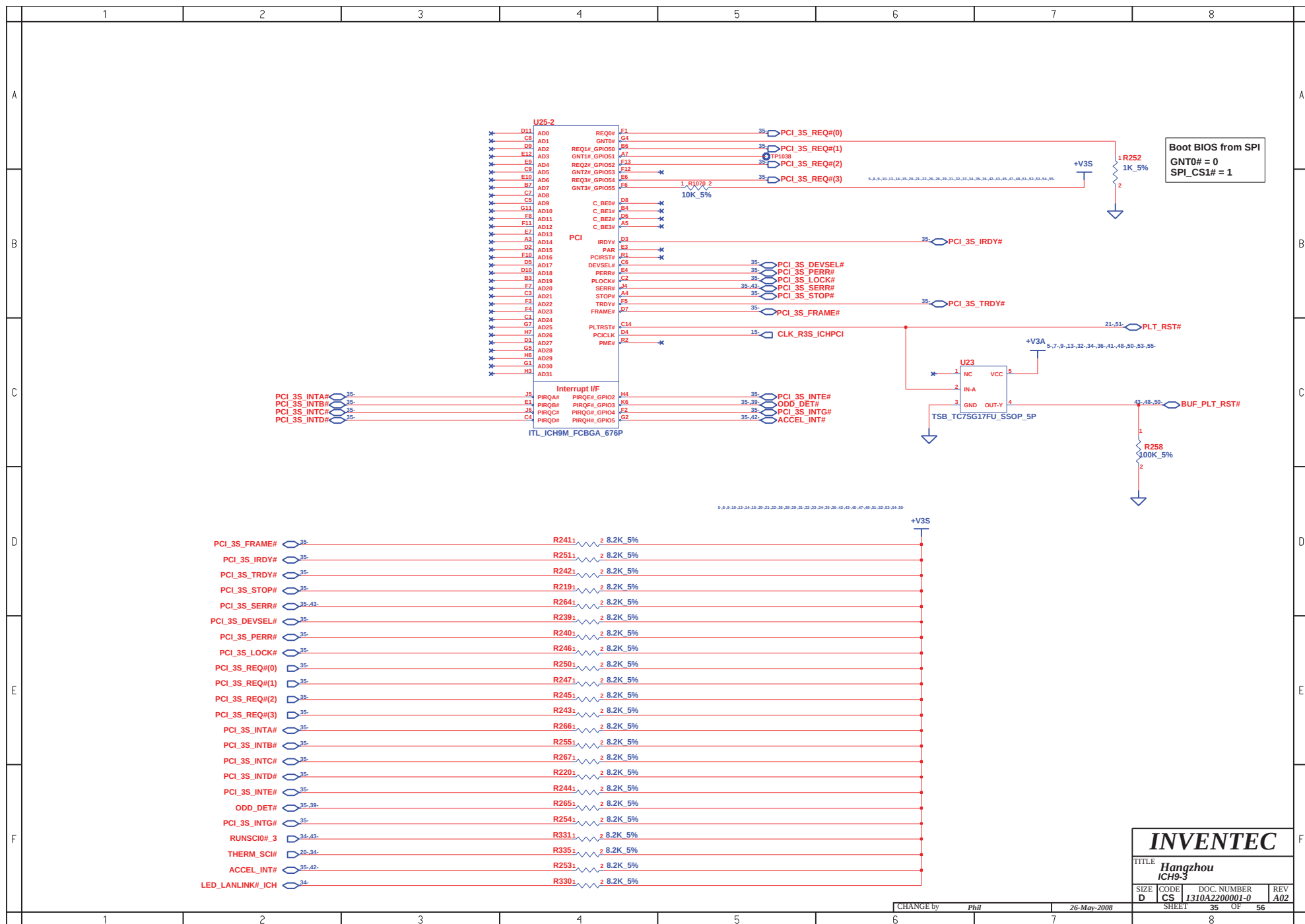
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
SHEET		30	OF 56

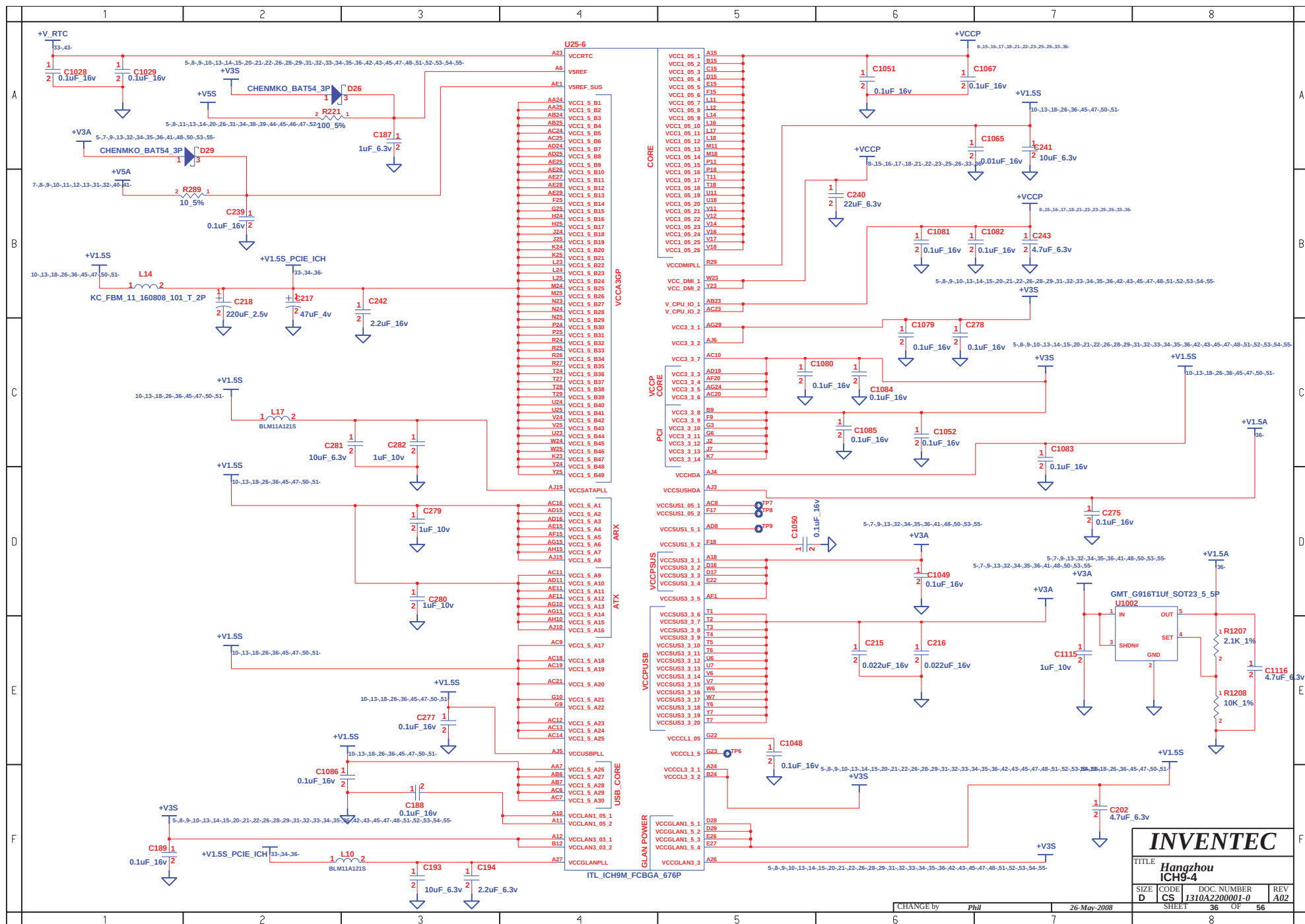












	1	2	3	4	5	6	7	8	
A									A
B									B
C									C
D									D
E									E
F									F

ITL_ICH9M_FCBGA_676P

5d- ICHGND1

5d- ICHGND4

5d- ICHGND7

5d- ICHGND10

U25-5

AA26 VSS001 VSS107 H5

AA27 VSS002 VSS108 J23

AA3 VSS003 VSS109 J26

AA6 VSS004 VSS110 J27

AB1 VSS005 VSS111 AC22

AA23 VSS006 K28

AB20 VSS007 VSS112 K29

AB29 VSS008 VSS113 L13

AB4 VSS009 VSS114 L15

AB5 VSS010 VSS115 L2

AC17 VSS011 VSS116 L26

AC26 VSS012 VSS117 L27

AC27 VSS013 VSS118 L5

AC3 VSS014 VSS119 L7

AD1 VSS015 VSS120 L12

AD10 VSS016 VSS121 M12

AD12 VSS017 VSS122 M13

AD13 VSS018 VSS123 M14

AD14 VSS019 VSS124 M15

AD17 VSS020 VSS125 M16

AD18 VSS021 VSS126 M17

AD21 VSS022 VSS127 M23

AD28 VSS023 VSS128 M29

AD29 VSS024 VSS129 M29

AD4 VSS025 VSS130 N11

AD5 VSS026 VSS131 N12

AD6 VSS027 VSS132 N13

AD7 VSS028 VSS133 N14

AD8 VSS029 VSS134 N15

AE12 VSS030 VSS135 N16

AE13 VSS031 VSS136 N17

AE14 VSS032 VSS137 N18

AE16 VSS033 VSS138 N26

AE17 VSS034 VSS139 N27

AE2 VSS035 VSS140 P12

AE20 VSS036 VSS141 P13

AE24 VSS037 VSS142 P14

AE3 VSS038 VSS143 P15

AE4 VSS039 VSS144 P16

AE6 VSS040 VSS145 P17

AE9 VSS041 VSS146 P2

AF13 VSS042 VSS147 P23

AF16 VSS043 VSS148 P28

AF18 VSS044 VSS149 P29

AF22 VSS045 VSS150 P4

AH26 VSS046 VSS151 P7

AF26 VSS047 VSS152 R11

AF27 VSS048 VSS153 R12

AF5 VSS049 VSS154 R13

AF7 VSS050 VSS155 R14

AF9 VSS051 VSS156 R15

AG13 VSS052 VSS157 R16

AG16 VSS053 VSS158 R17

AG18 VSS054 VSS159 R18

AG20 VSS055 VSS160 R28

AC23 VSS056 VSS161 T12

AG3 VSS057 VSS162 T13

AG6 VSS058 VSS163 T14

AG9 VSS059 VSS164 T15

AH12 VSS060 VSS165 T16

AH14 VSS061 VSS166 T17

AH17 VSS062 VSS167 T23

AH19 VSS063 VSS168 B26

AH2 VSS064 VSS169 U12

AH22 VSS065 VSS170 U13

AH25 VSS066 VSS171 U14

AH26 VSS067 VSS172 U15

AH5 VSS068 VSS173 U16

AH8 VSS069 VSS174 U17

A112 VSS070 VSS175 AD23

A114 VSS071 VSS176 U26

A117 VSS072 VSS177 U27

A18 VSS073 VSS178 U5

B11 VSS074 VSS179 V1

B14 VSS075 VSS180 V13

B17 VSS076 VSS181 V15

B2 VSS077 VSS182 V21

B20 VSS078 VSS183 V28

B23 VSS079 VSS184 V29

B5 VSS080 VSS185 V4

B8 VSS081 VSS186 V5

C26 VSS082 VSS187 W26

C27 VSS083 VSS188 W27

E11 VSS084 VSS189 X3

E14 VSS085 VSS190 V1

E18 VSS086 VSS191 Y28

E2 VSS087 VSS192 Y29

E21 VSS088 VSS193 Y4

E24 VSS089 VSS194 Y5

E5 VSS090 VSS195 AG28

E8 VSS091 VSS196 AH6

F16 VSS092 VSS197 AF2

F28 VSS093 VSS198 B25

F29 VSS094 VSS_NCTF1 A1

G12 VSS095 VSS_NCTF2 A2

G14 VSS096 VSS_NCTF3 A28

G18 VSS097 VSS_NCTF4 A29

G21 VSS098 VSS_NCTF5 AH1

G24 VSS099 VSS_NCTF6 AH29

G26 VSS100 VSS_NCTF7 A31

G27 VSS101 VSS_NCTF8 A32

G8 VSS102 VSS_NCTF9 A28

H2 VSS103 VSS_NCTF10 A29

H23 VSS104 VSS_NCTF11 B1

H28 VSS105 VSS_NCTF12 B29

H29 VSS106

CHANGE by Phil 26-May-2008

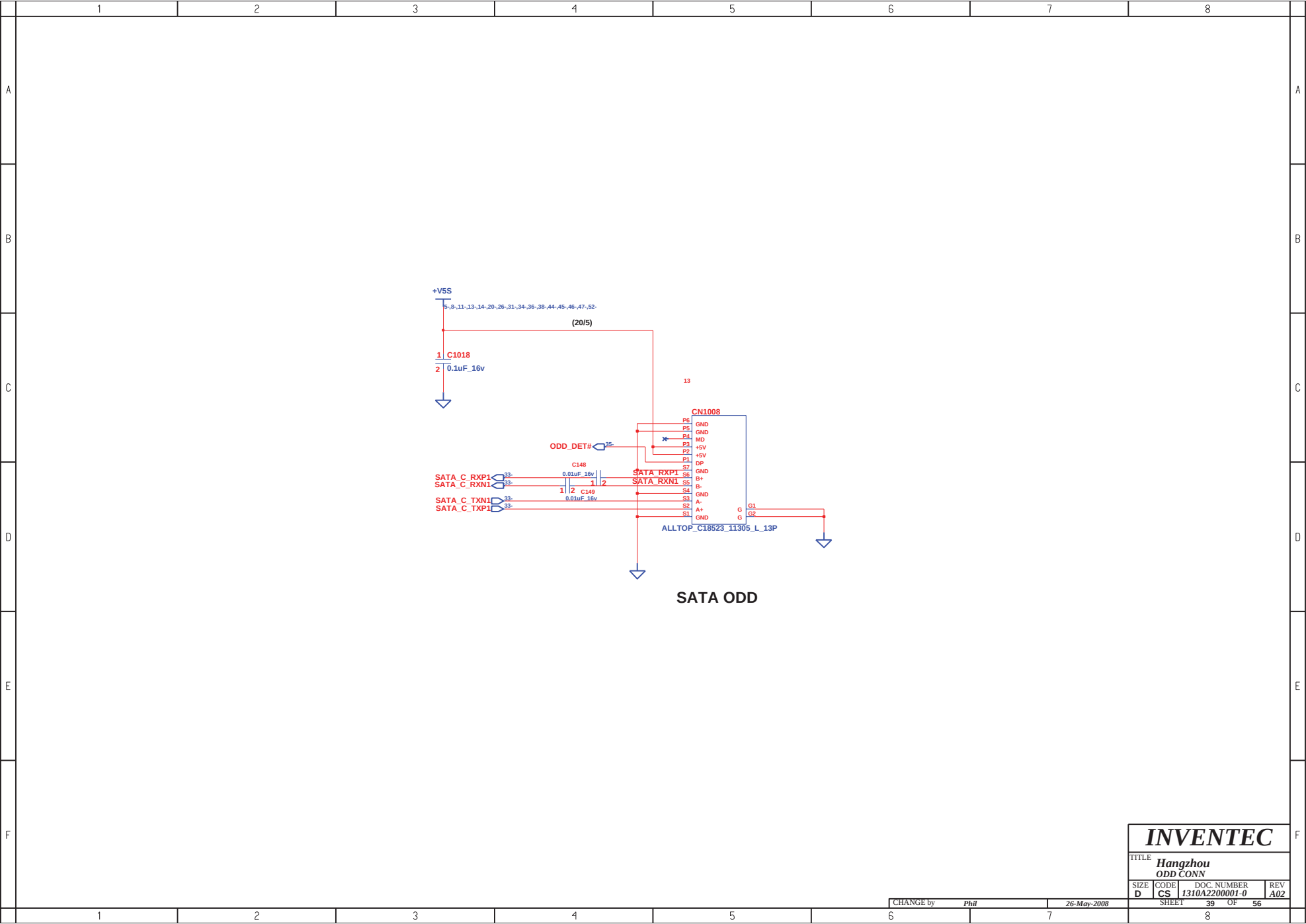
SIZE D CODE CS 1310A2200001-0 SHEET 37 OF 56

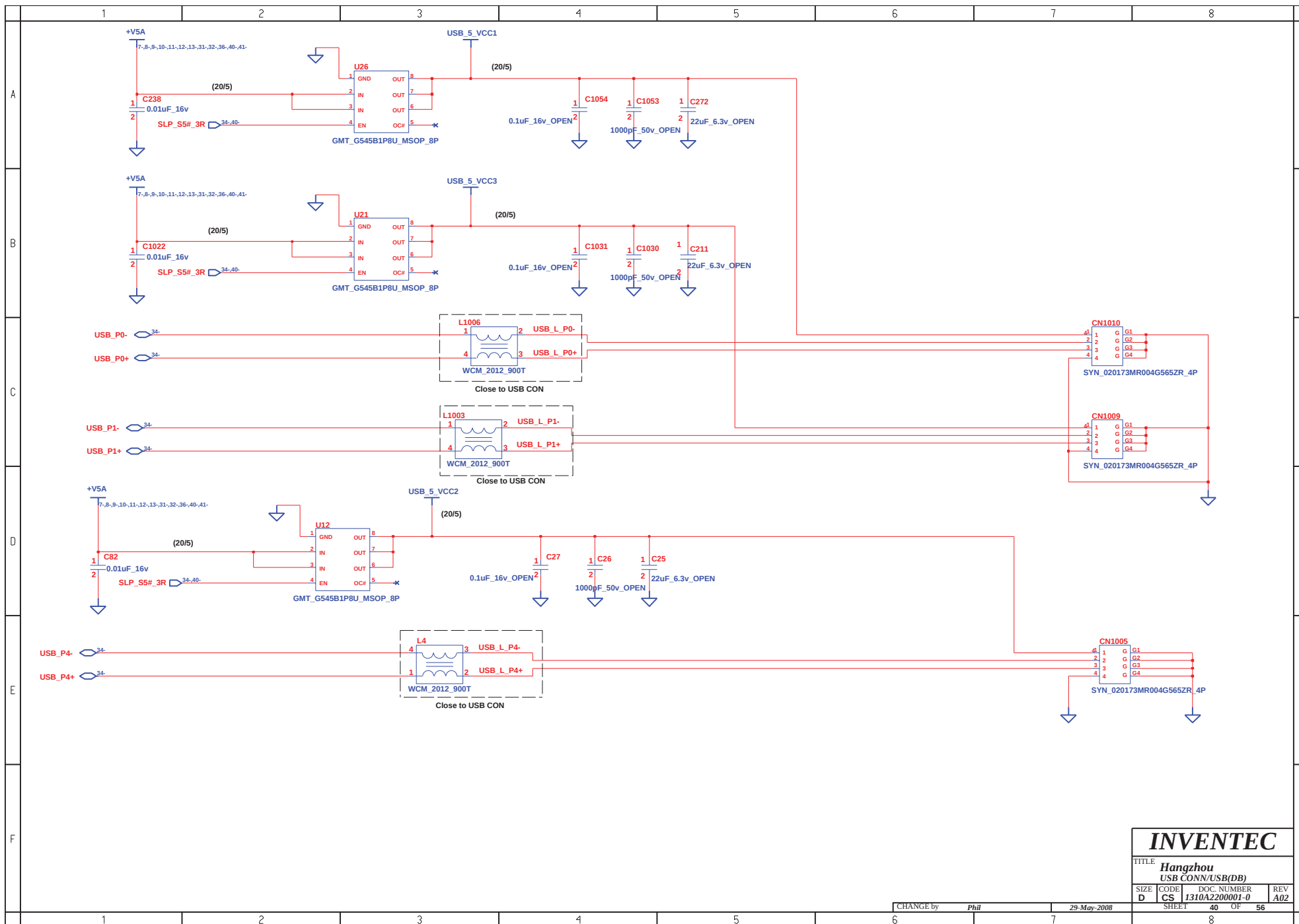
INVENTEC

TITLE Hangzhou ICH9-5

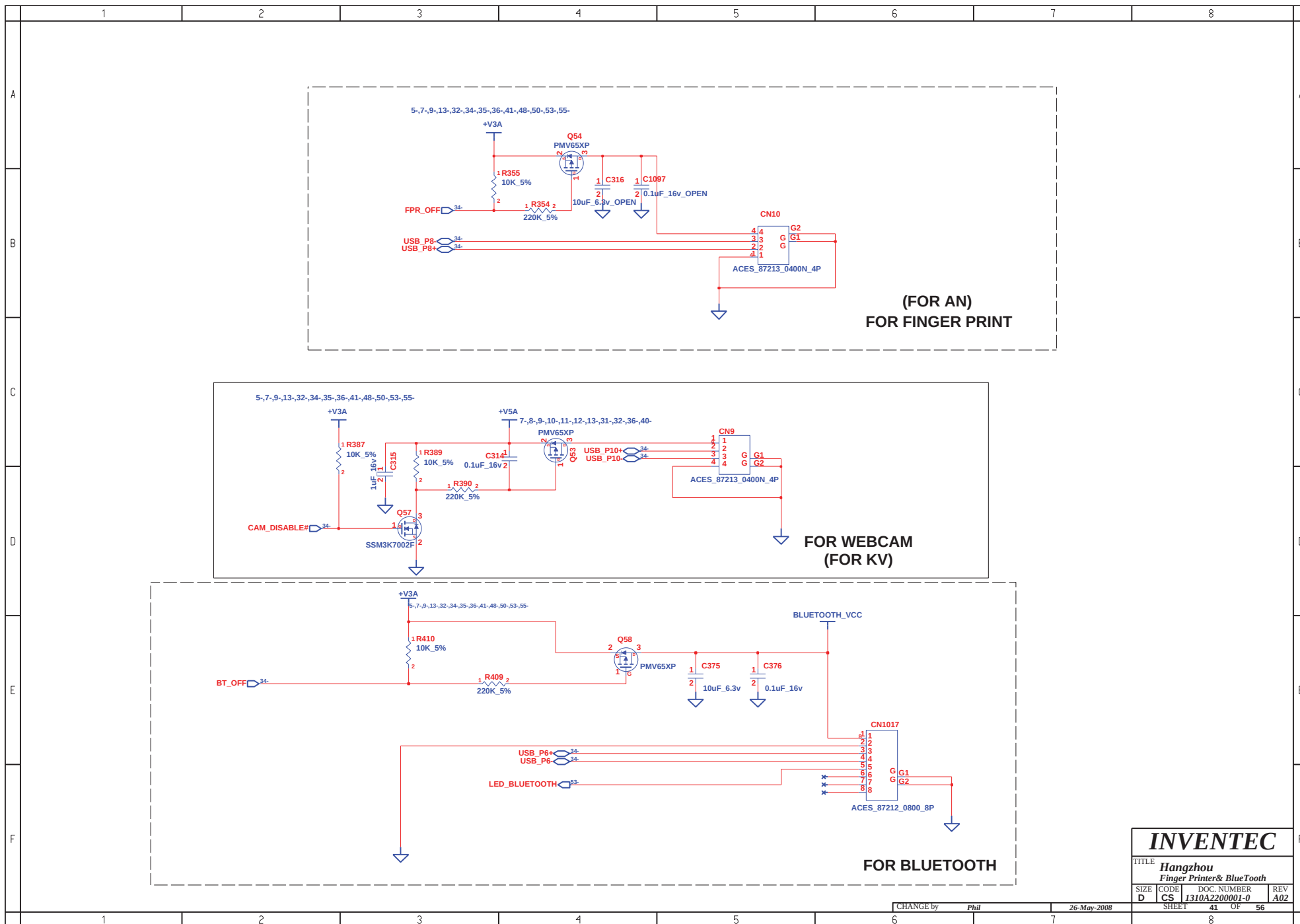
REV A02







INVENTEC			
TITLE			
Hangzhou			
USB CONN/USB(DB)			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
CHANGE by		29-May-2008	
SHEET		40	OF 56

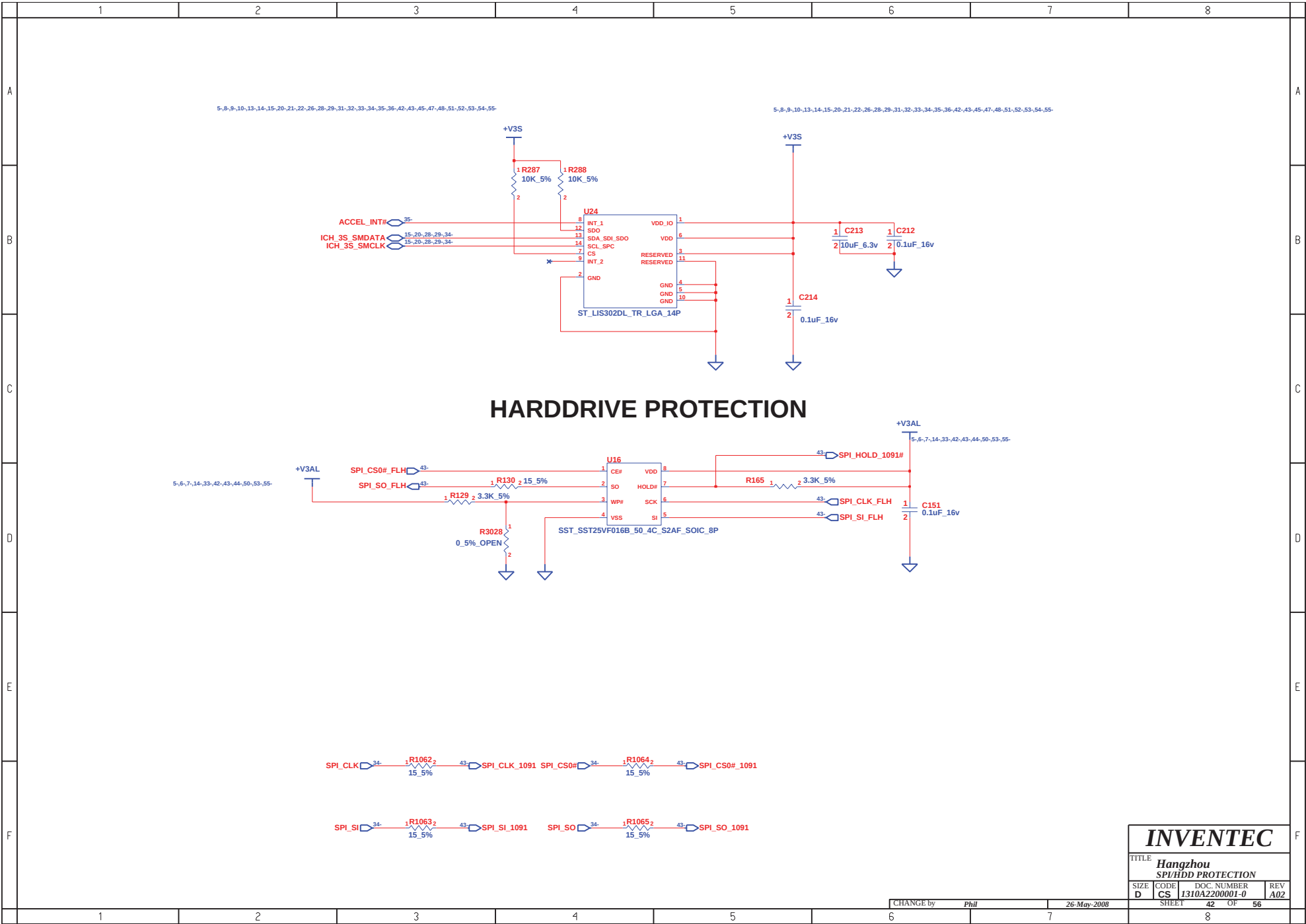


INVENTEC

TITLE			
Hangzhou Finger Printer & BlueTooth			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

CHANGE by Phil 26-May-2008

SHEET 41 OF 56



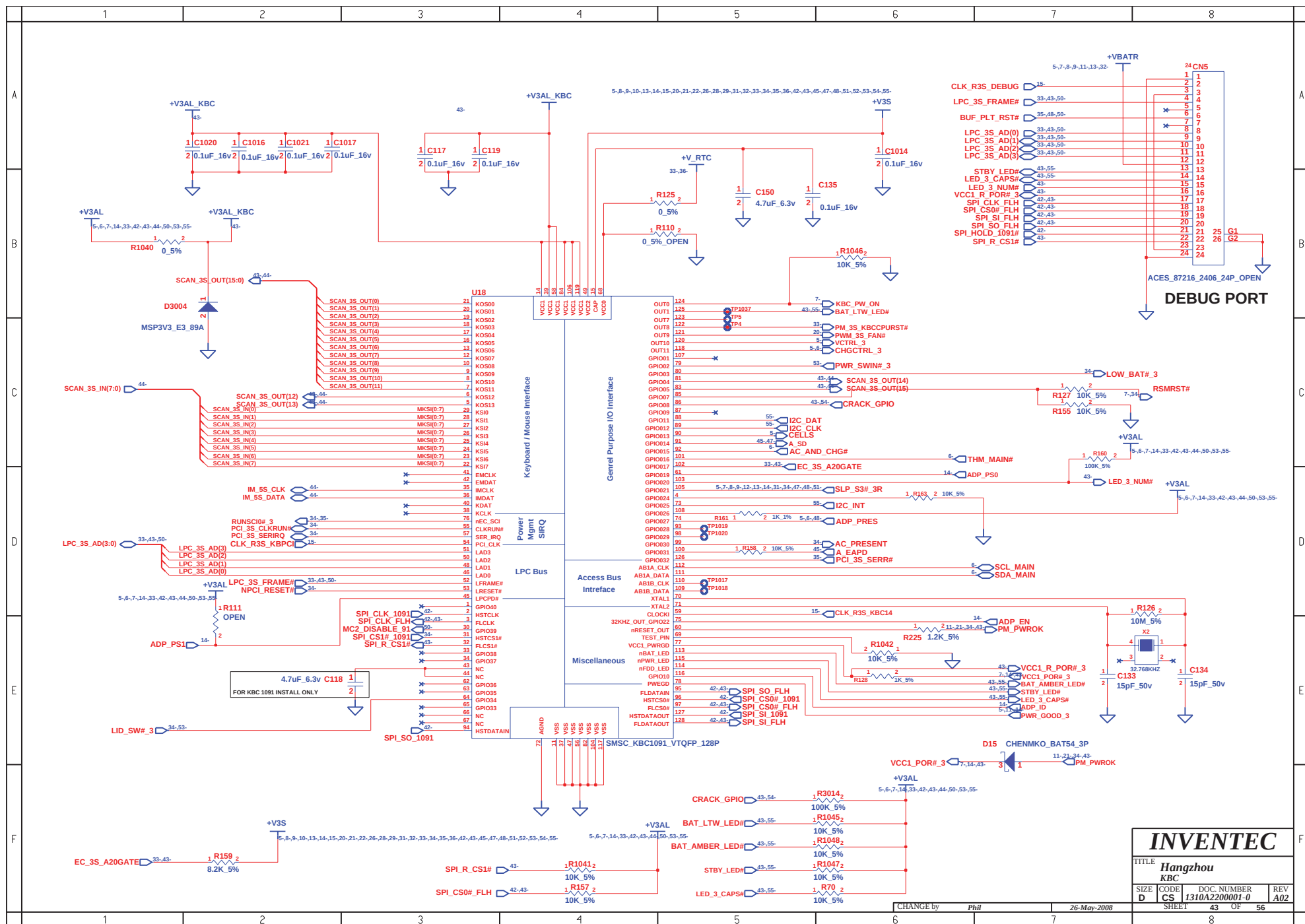
INVENTEC

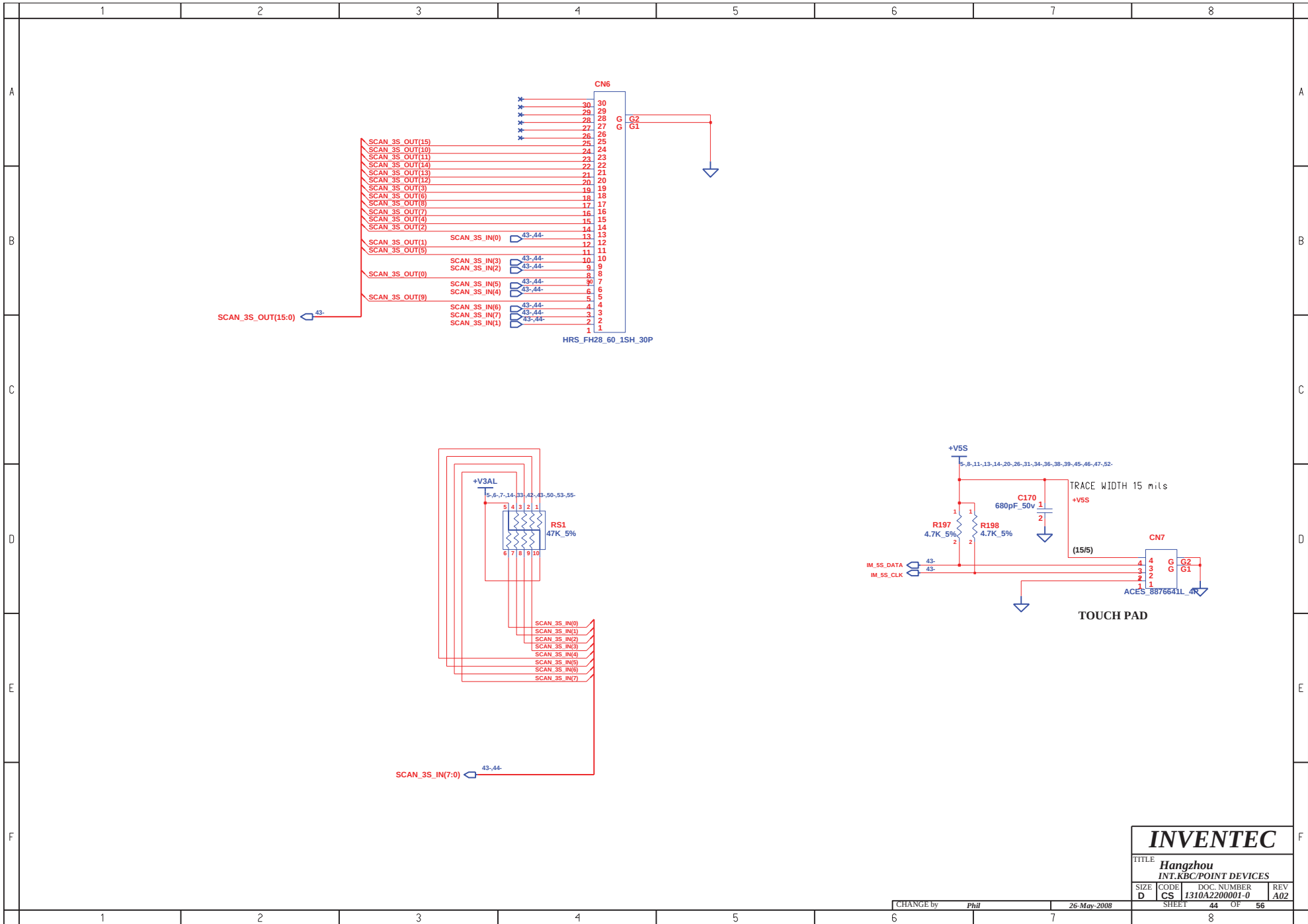
TITLE
**Hangzhou
SPI/HDD PROTECTION**

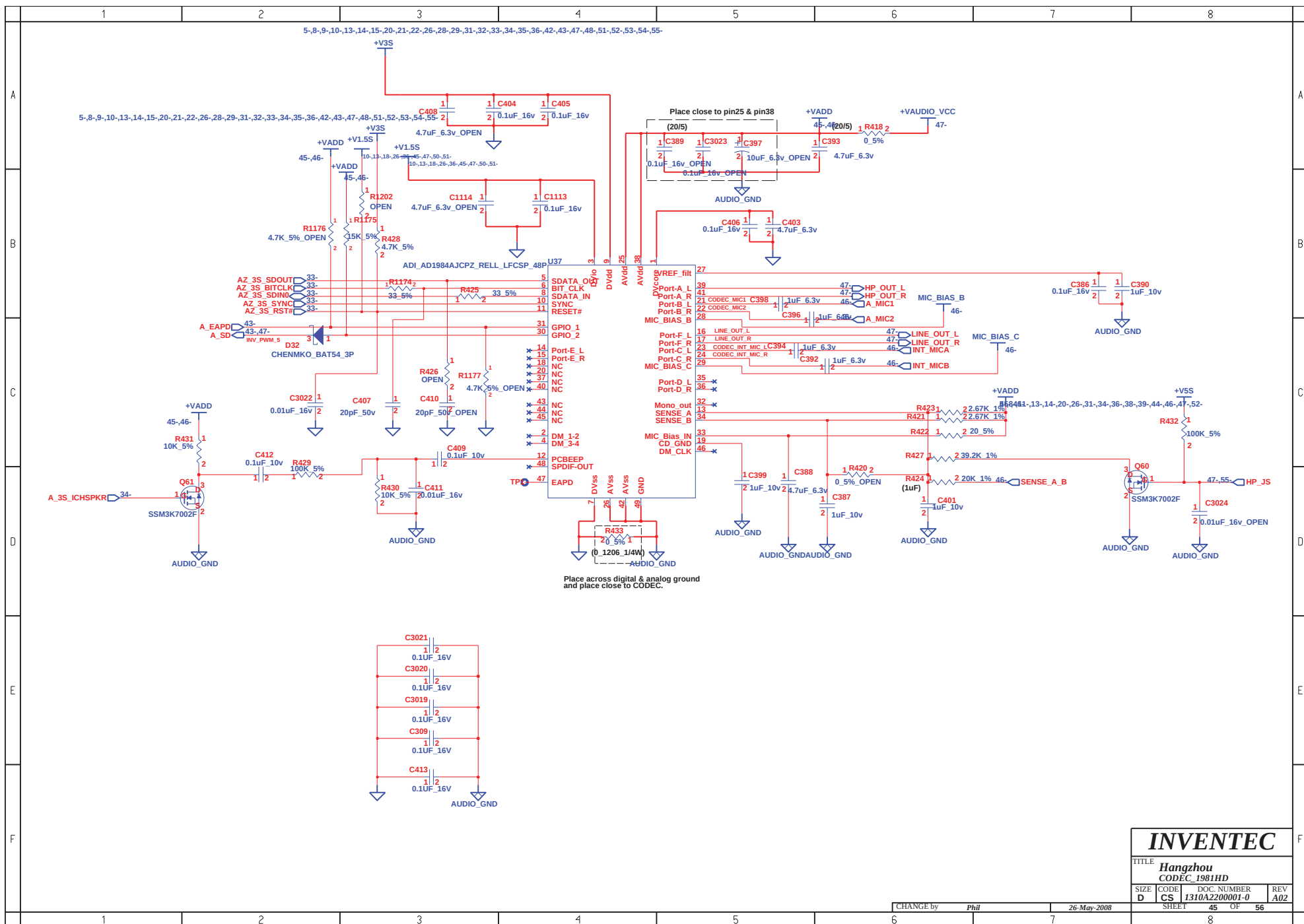
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
-----------	------------	-------------------------------	------------

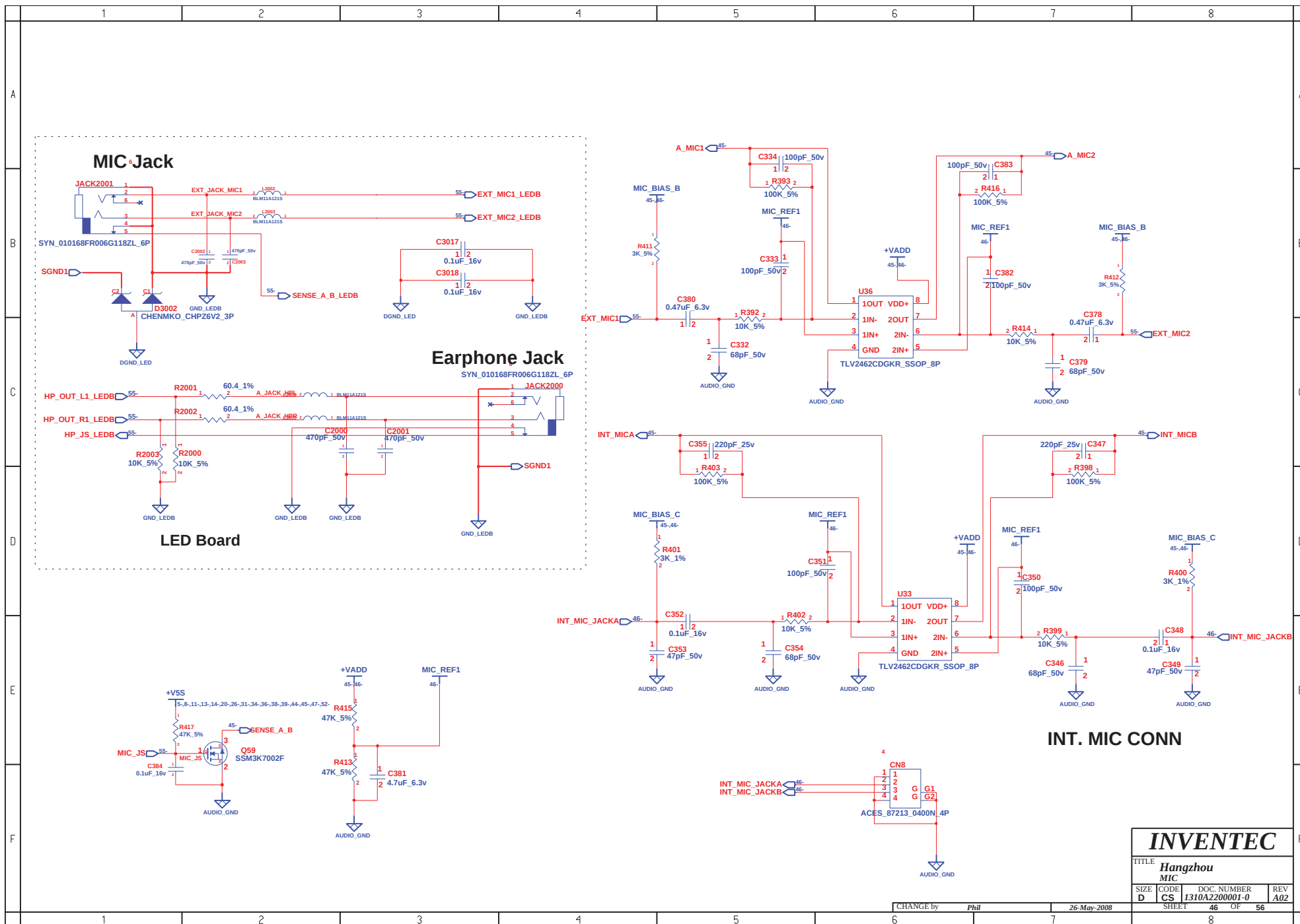
SHEET	42	OF	56
-------	----	----	----

CHANGE by	Phil	26-May-2008
-----------	------	-------------

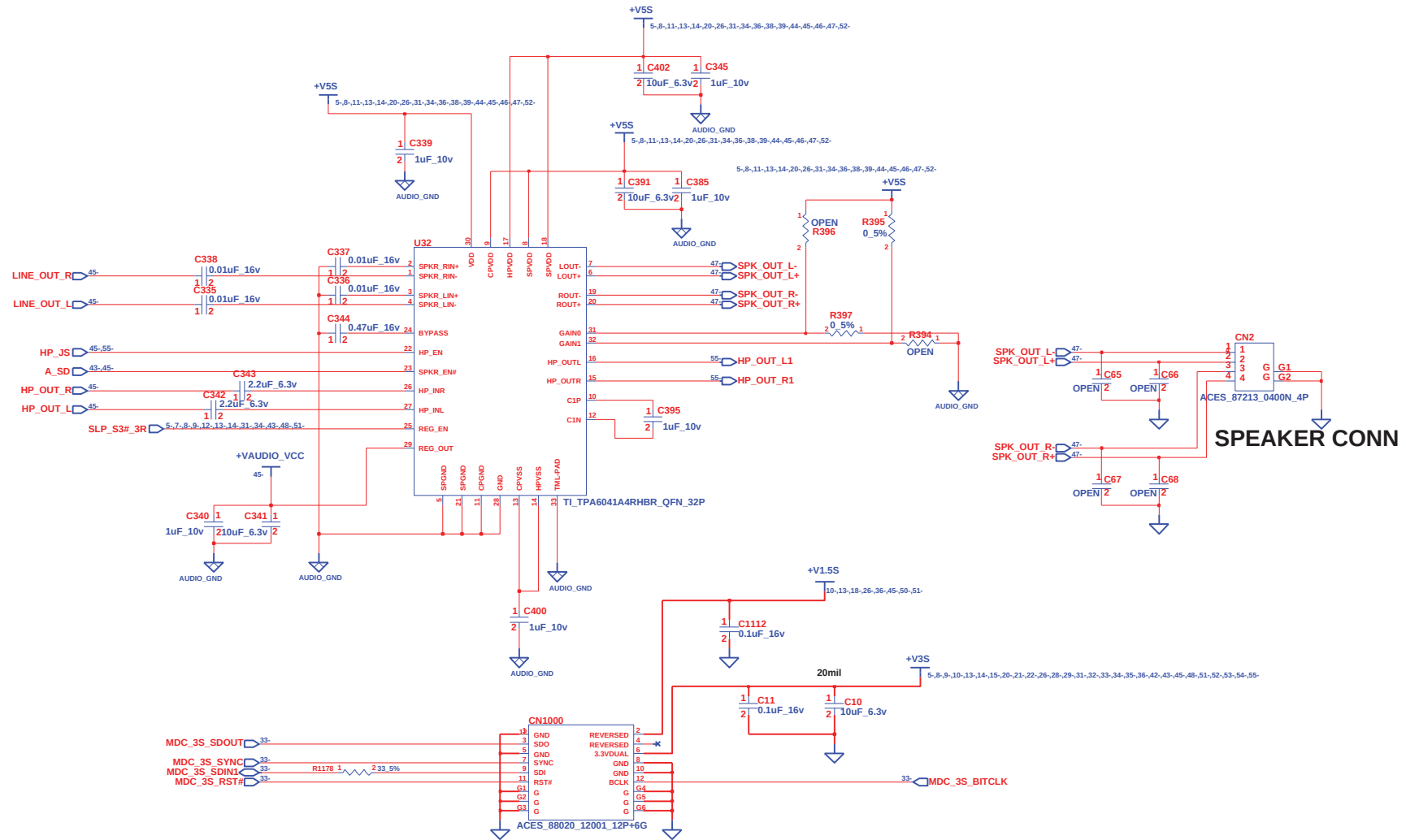








INVENTEC				
TITLE Hangzhou MIC				
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02	
CHANGE by Phil		26-May-2008		
SHEET 46		OF 56		



MDC CONN

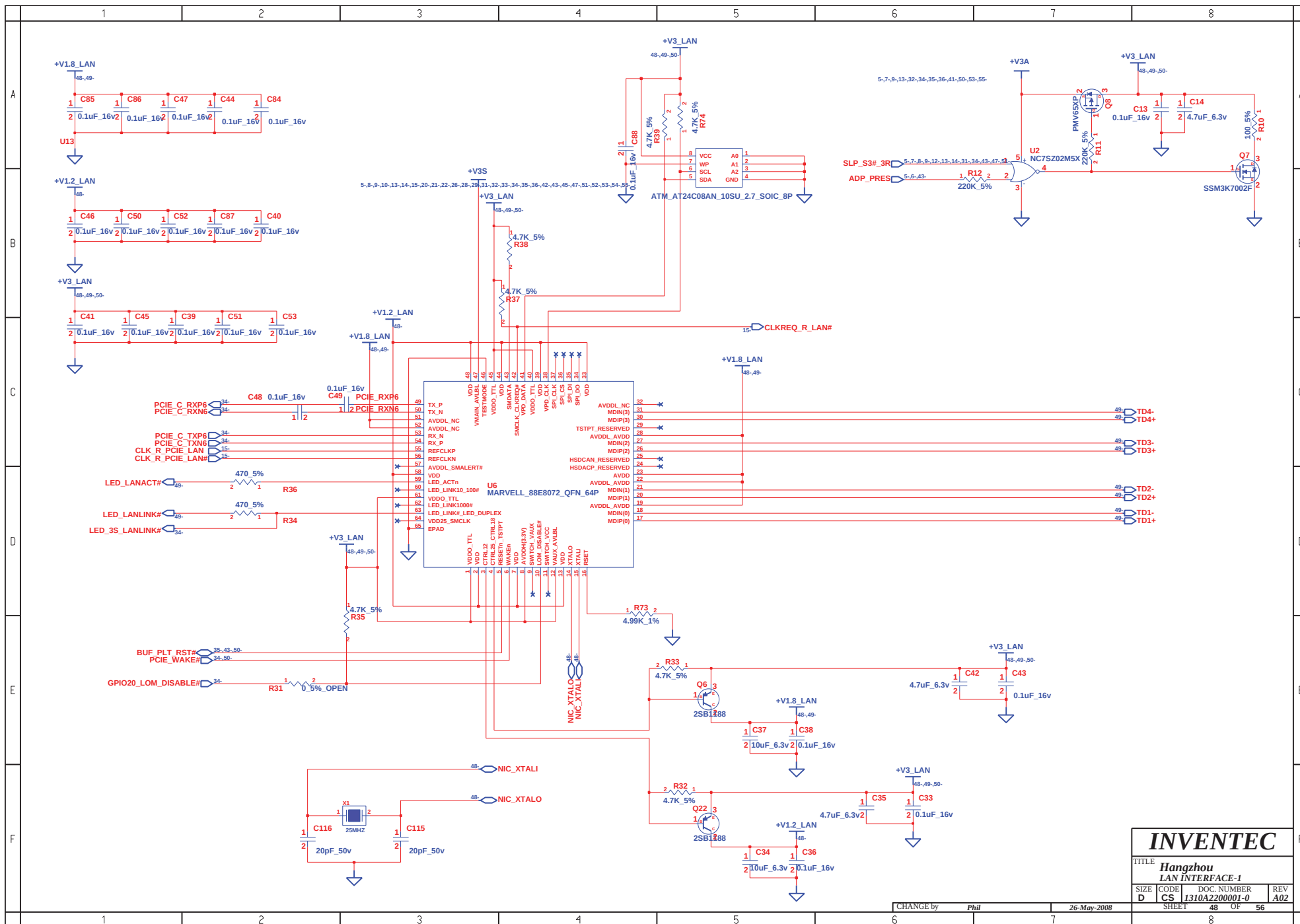
SPEAKER CONN

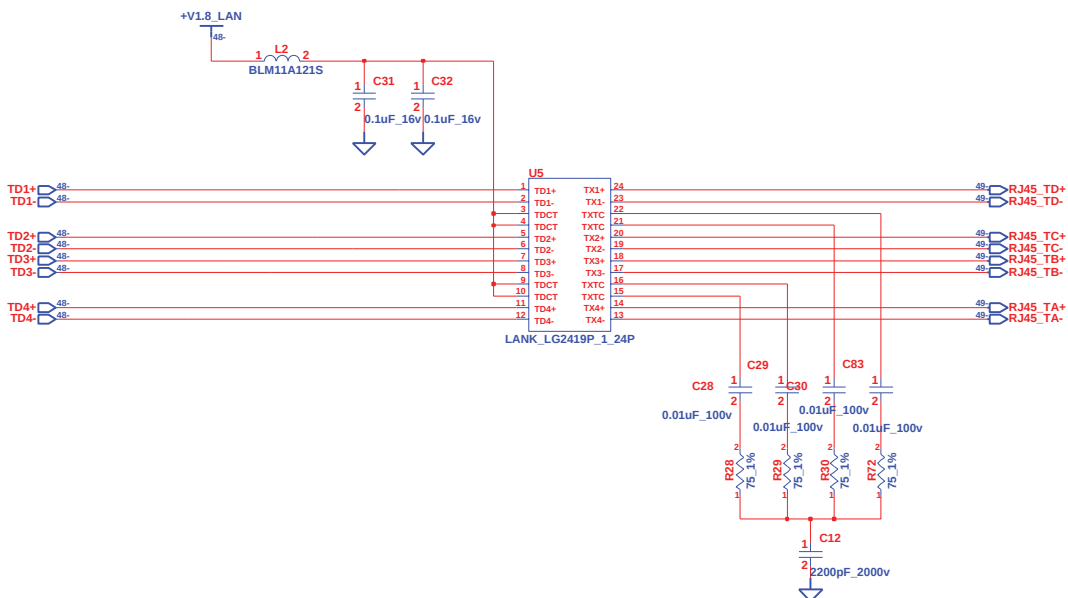
INVENTEC

TITLE			
Hangzhou MDC			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02

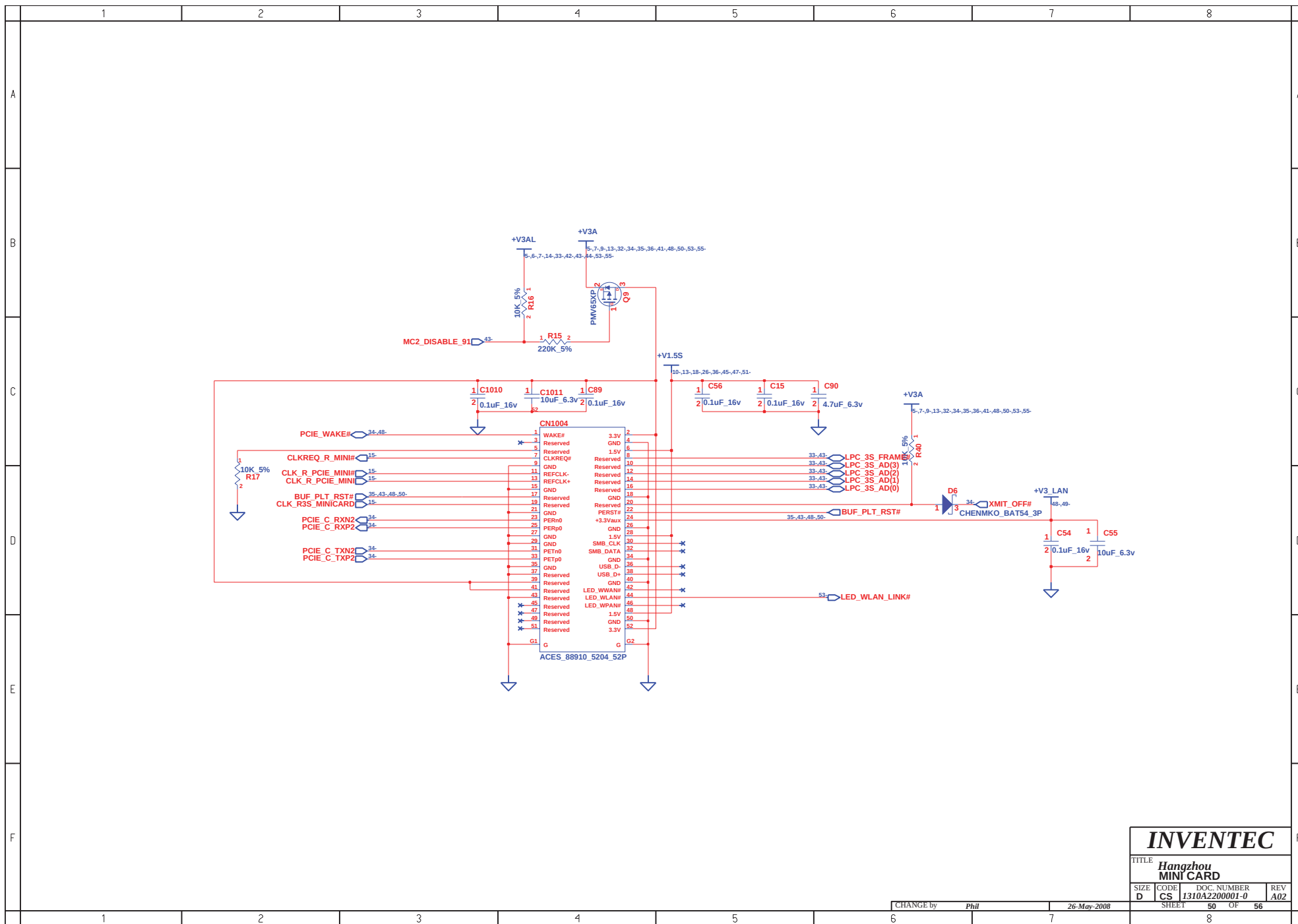
CHANGE by Phil 26-May-2008

SHEET 47 OF 56



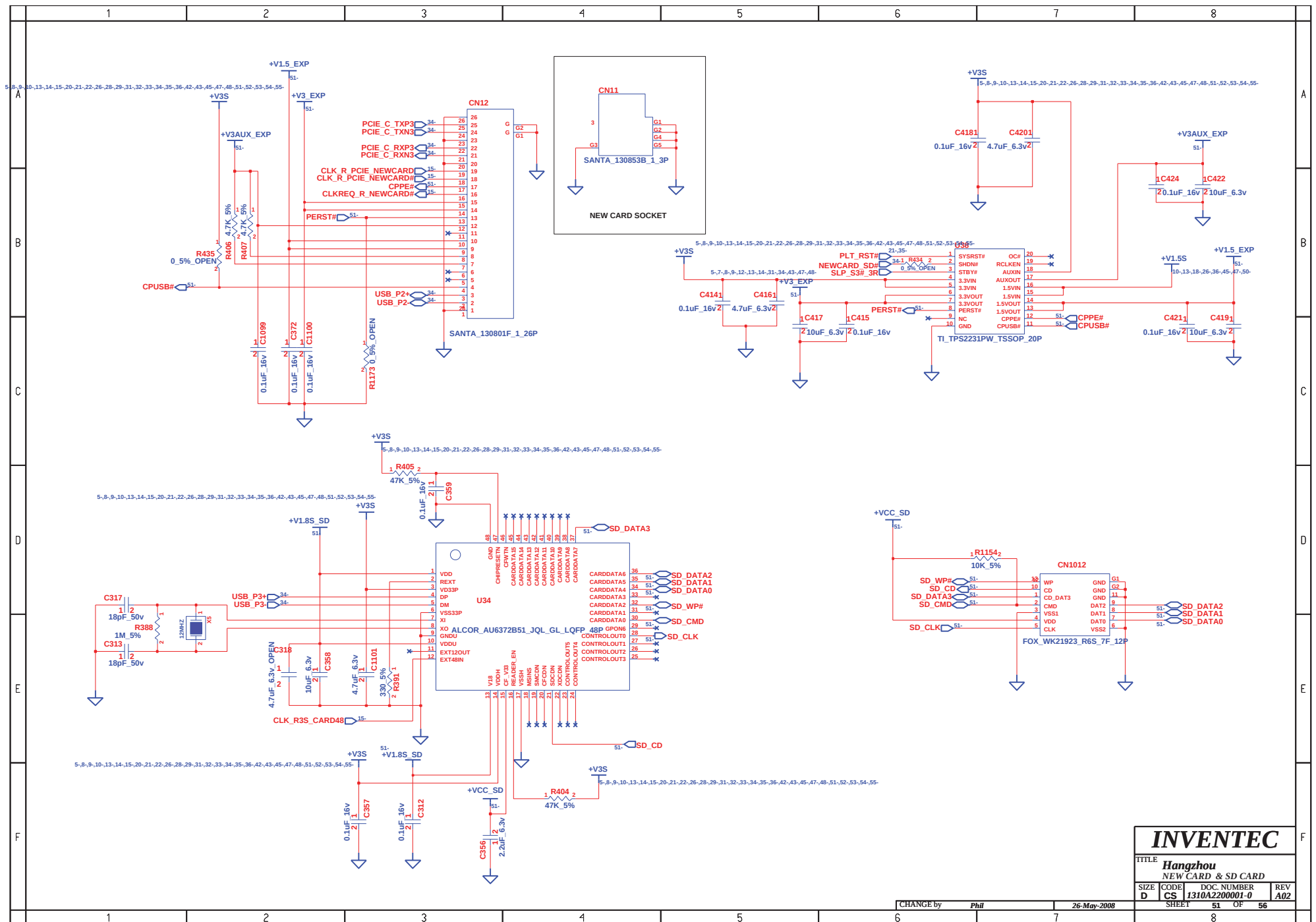


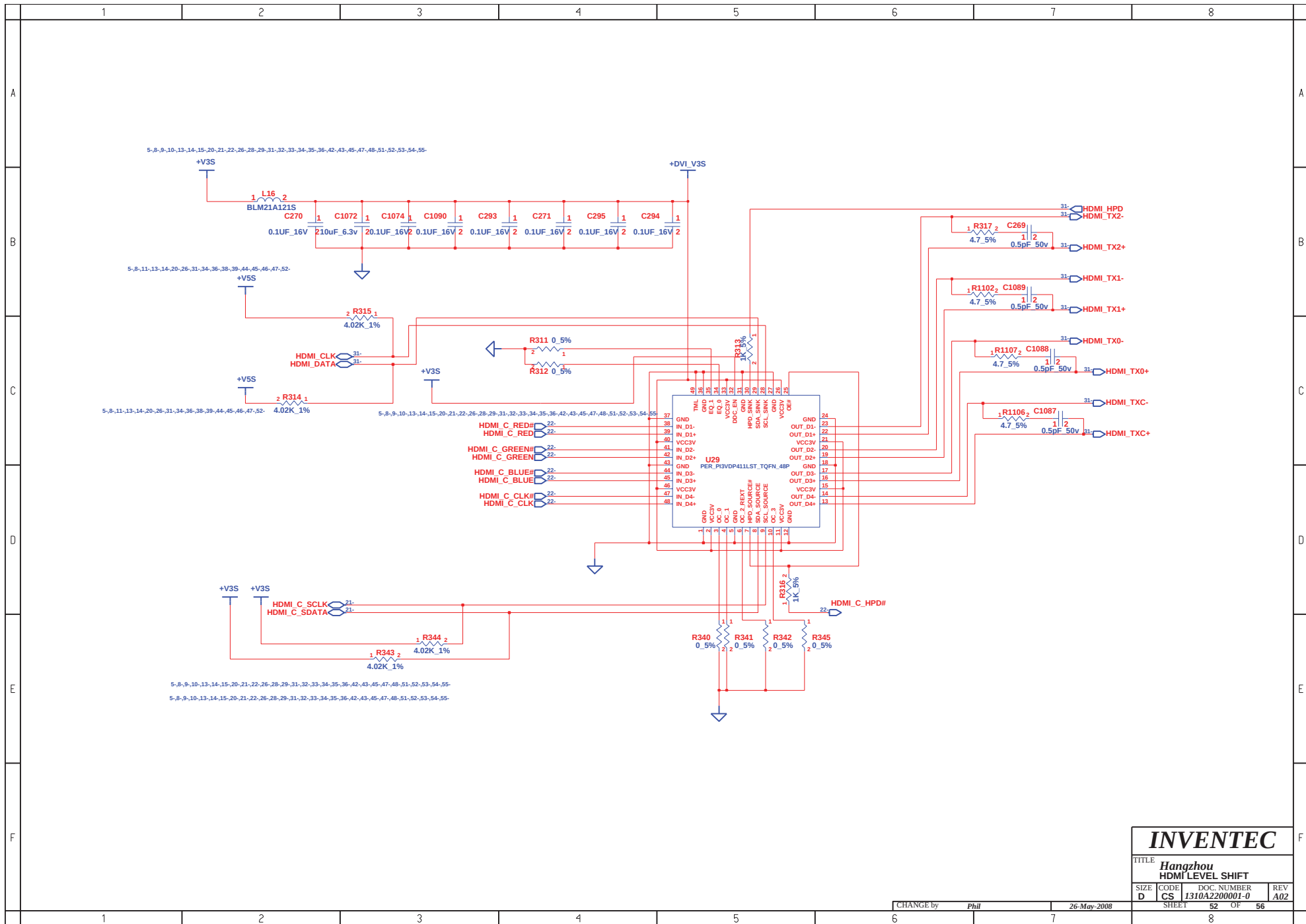
CHANGE by	<i>Phil</i>	29-May-2008
-----------	-------------	-------------



INVENTEC			
TITLE			
Hangzhou MINI CARD			
SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2200001-0	A02
SHEET		50	OF 56

CHANGE by Phil 26-May-2008

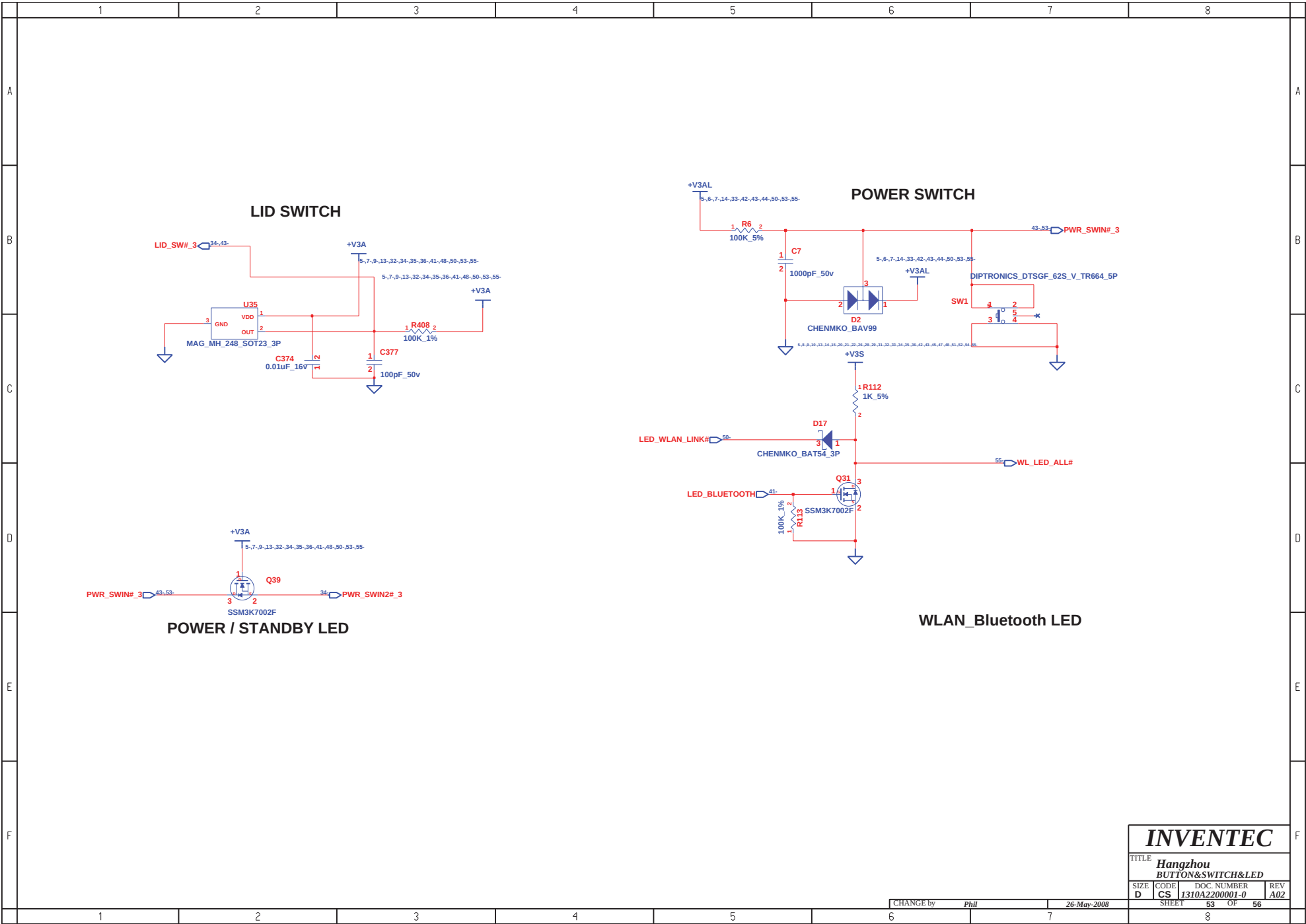




INVENTEC

TITLE Hangzhou HDMI LEVEL SHIFT			
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
SHEET		52 OF	56

CHANGE by Phil 26-May-2008



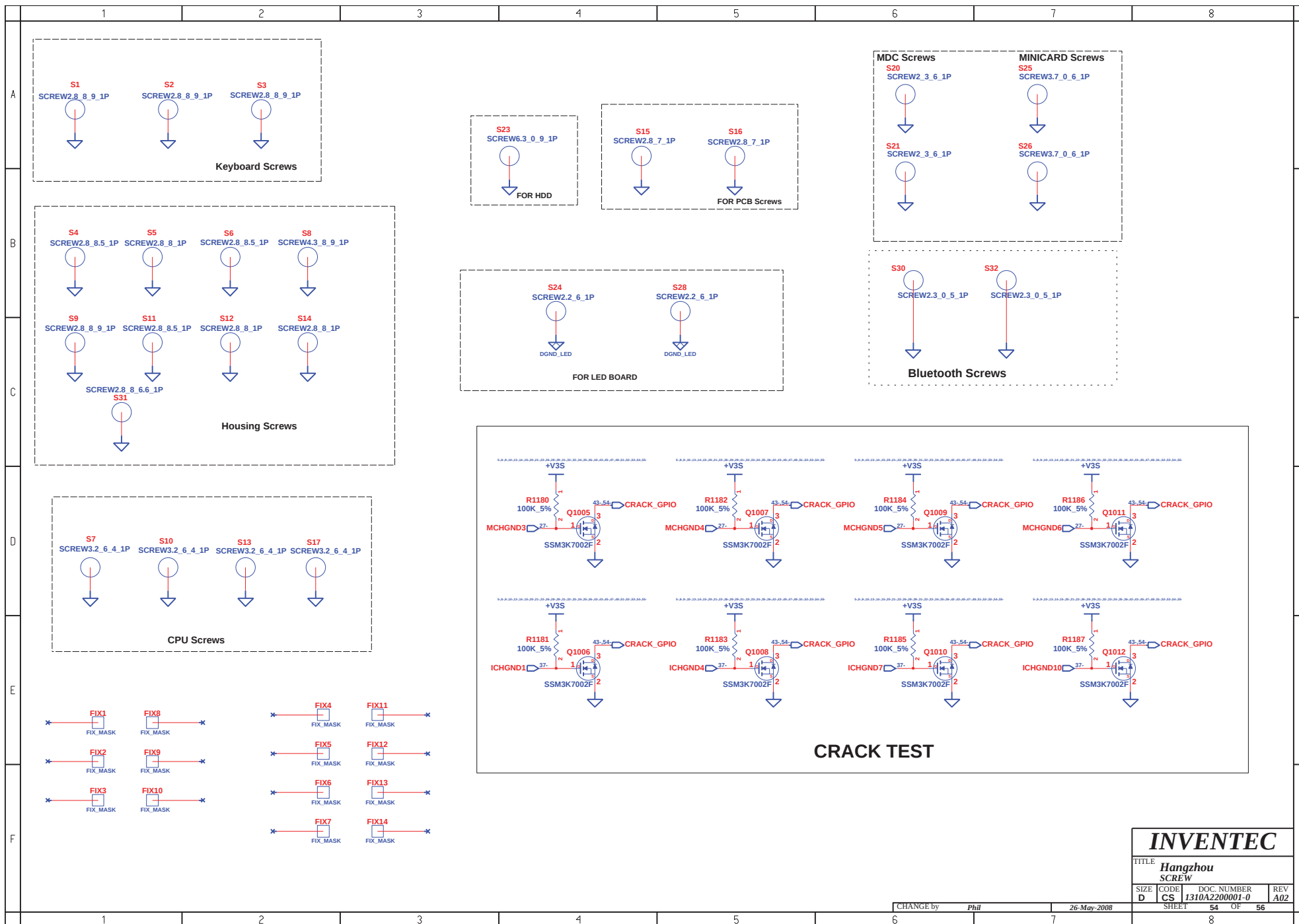
INVENTEC

TITLE
Hangzhou
BUTTON&SWITCH&LED

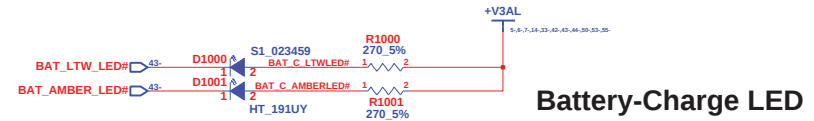
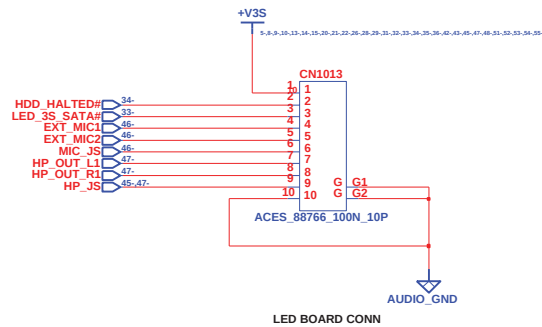
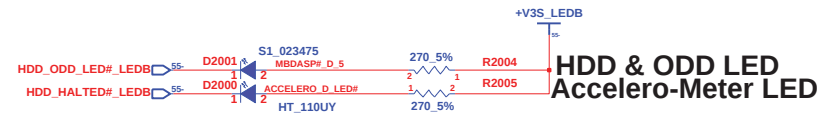
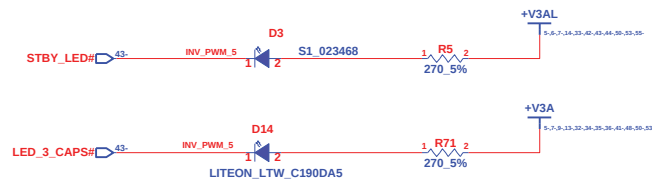
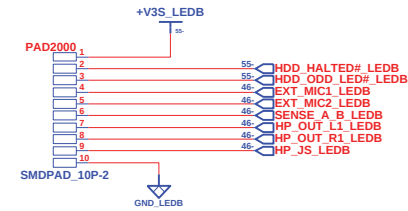
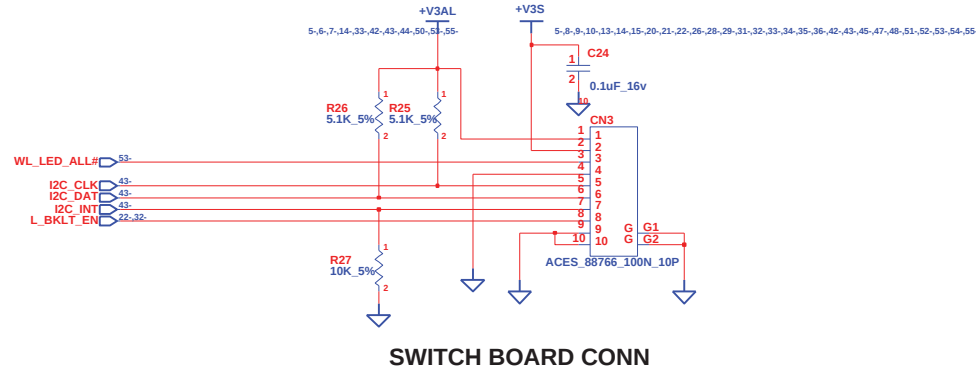
SIZE CODE DOC. NUMBER REV
D CS 1310A2200001-0 A02

CHANGE by Phil 26-May-2008

SHEET 53 OF 56

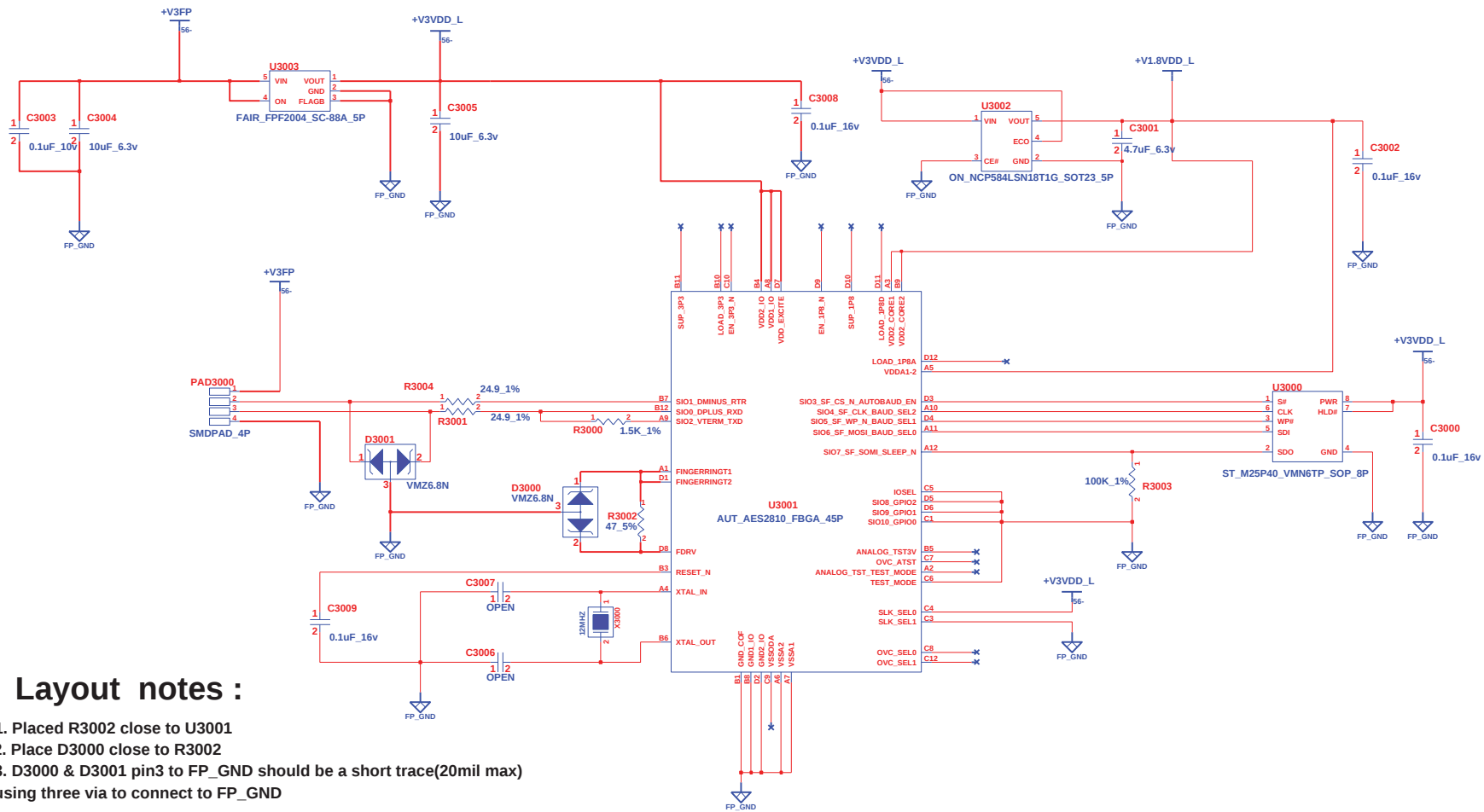


FOR LED BOARD



INVENTEC			
TITLE Hangzhou LED board			
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
SHEET		55	OF 56

CHANGE by Phil 26-May-2008



FINGER PRINT READER DAUGHTER BOARD

INVENTEC			
TITLE Hangzhou Finger Print board			
SIZE D	CODE CS	DOC. NUMBER 1310A2200001-0	REV A02
CHANGE by Phil		26-May-2008	
SHEET 56		OF 56	

	1	2	3	4	5	6	7	8
A								
B								
C	HANGZHOU 1.0							
D	SWITCH BOARD KV							
E	MV BUILD 2008.05.26							
F								

2007/06/20	2007-ECO-009981	C
2007/06/20	2007-ECO-009978	B
2007/06/13	INITIAL	A
DATE	CHANGE NO.	REV

	EE	DATE	POWER	DATE
DRAWER	Chang, Sean	2007-MAY-08	---	---
DESIGN	Chang, Sean	2007-MAY-08	---	---
CHECK	Chen, Te-Yu	2007-MAY-08	---	---
RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---
SIZE =		3		VER : A01
FILE NAME : SUZHOU10-6050A2141901-A01-20070508				
P/N	6050A2141901			

TITLE INVENTEC Hangzhou			
SIZE D	CODE CS	DOC. NUMBER 1310A2199801-0	REV A02
SHEET		1	OF 2

	1	2	3	4	5	6	7	8		
A										A
B										B
C	HANGZHOU 1.0 SWITCH BOARD KV MV BUILD 2008.05.26									C
D										D
E										E
F										F

2007/06/20	2007-ECO-009981	C
2007/06/20	2007-ECO-009978	B
2007/06/13	INITIAL	A
DATE	CHANGE NO.	REV

	EE	DATE	POWER	DATE
DRAWER	Chang, Sean	2007-MAY-08	---	---
DESIGN	Chang, Sean	2007-MAY-08	---	---
CHECK	Chen, Te-Yu	2007-MAY-08	---	---
RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---
SIZE = 3		VER : A01		
FILE NAME : SUZHOU10-6050A2141901-A01-20070508				
P/N	6050A2141901			

TITLE	INVENTEC <i>Hangzhou</i>		
SHEET	1	OF	2

	1	2	3	4	5	6	7	8																																					
A																																													
B																																													
C	HANGZHOU 1.0 SWITCH BOARD KV MV BUILD 2008.05.26																																												
D																																													
E																																													
F						<table border="1"><thead><tr><th></th><th>EE</th><th>DATE</th><th>POWER</th><th>DATE</th></tr></thead><tbody><tr><td>DRAWER</td><td>Chang, Sean</td><td>2007-MAY-08</td><td>---</td><td>---</td></tr><tr><td>DESIGN</td><td>Chang, Sean</td><td>2007-MAY-08</td><td>---</td><td>---</td></tr><tr><td>CHECK</td><td>Chen, Te-Yu</td><td>2007-MAY-08</td><td>---</td><td>---</td></tr><tr><td>RESPONSIBLE</td><td>Chen, Te-Yu</td><td>2007-MAY-08</td><td>---</td><td>---</td></tr></tbody></table> <table border="1"><thead><tr><th colspan="2">SIZE = 3</th><th colspan="2">VER : A01</th></tr></thead><tbody><tr><td colspan="4">FILE NAME : SUZHOU10-6050A2141901-A01-20070508</td></tr><tr><td>P/N</td><td colspan="3">6050A2141901</td></tr></tbody></table>				EE	DATE	POWER	DATE	DRAWER	Chang, Sean	2007-MAY-08	---	---	DESIGN	Chang, Sean	2007-MAY-08	---	---	CHECK	Chen, Te-Yu	2007-MAY-08	---	---	RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---	SIZE = 3		VER : A01		FILE NAME : SUZHOU10-6050A2141901-A01-20070508				P/N	6050A2141901		
	EE	DATE	POWER	DATE																																									
DRAWER	Chang, Sean	2007-MAY-08	---	---																																									
DESIGN	Chang, Sean	2007-MAY-08	---	---																																									
CHECK	Chen, Te-Yu	2007-MAY-08	---	---																																									
RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---																																									
SIZE = 3		VER : A01																																											
FILE NAME : SUZHOU10-6050A2141901-A01-20070508																																													
P/N	6050A2141901																																												
						<table border="1"><thead><tr><th>TITLE</th><th colspan="3">INVENTEC Hangzhou</th></tr></thead><tbody><tr><td>SIZE D</td><td>CODE CS</td><td>DOC. NUMBER 1310A2199801-0</td><td>REV A02</td></tr><tr><td colspan="4">SHEET 1 OF 2</td></tr></tbody></table>			TITLE	INVENTEC Hangzhou			SIZE D	CODE CS	DOC. NUMBER 1310A2199801-0	REV A02	SHEET 1 OF 2																												
TITLE	INVENTEC Hangzhou																																												
SIZE D	CODE CS	DOC. NUMBER 1310A2199801-0	REV A02																																										
SHEET 1 OF 2																																													

12345678

A

B

C

D

E

F

HANGZHOU 1.0

SWITCH BOARD KV

MV BUILD 2008.05.26

	EE	DATE	POWER	DATE
DRAWER	Chang, Sean	2007-MAY-08	---	---
DESIGN	Chang, Sean	2007-MAY-08	---	---
CHECK	Chen, Te-Yu	2007-MAY-08	---	---
RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---

SIZE =	3	VER: A01
FILE NAME :	SUZHOU10-6050A2141901-A01-20070508	
P/N	6050A2141901	

SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2199801-0	A02

DATE	CHANGE NO.	REV
2007/06/20	2007-ECO-009981	C
2007/06/20	2007-ECO-009978	B
2007/06/13	INITIAL	A

TITLE **INVENTEC**
Hangzhou

SHEET 1 OF 2

12345678

A

B

C

D

E

F

HANGZHOU 1.0

SWITCH BOARD KV

MV BUILD 2008.05.26

	EE	DATE	POWER	DATE
DRAWER	Chang, Sean	2007-MAY-08	---	---
DESIGN	Chang, Sean	2007-MAY-08	---	---
CHECK	Chen, Te-Yu	2007-MAY-08	---	---
RESPONSIBLE	Chen, Te-Yu	2007-MAY-08	---	---

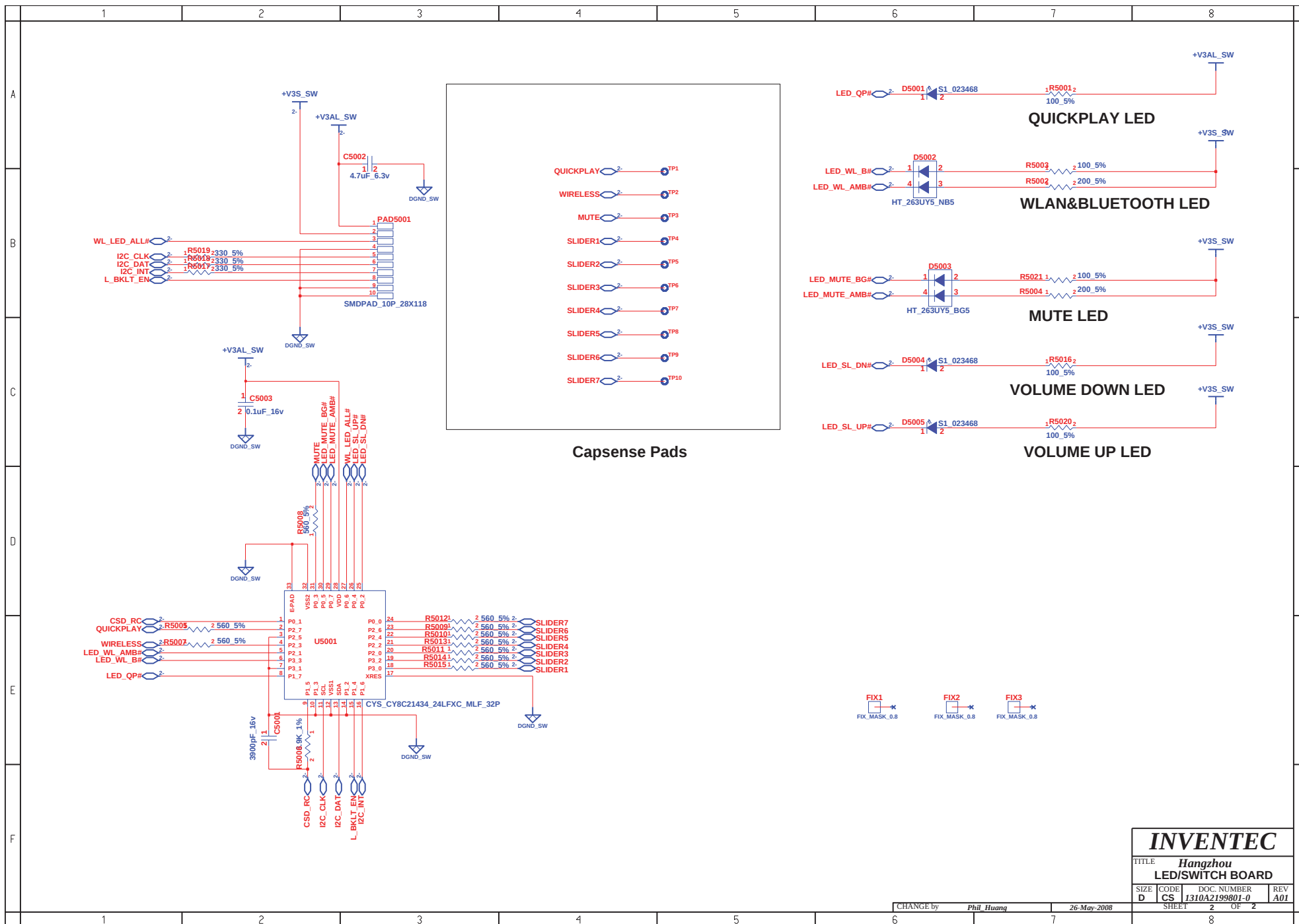
SIZE =	3	VER: A01
FILE NAME :	SUZHOU10-6050A2141901-A01-20070508	
P/N	6050A2141901	

SIZE	CODE	DOC. NUMBER	REV
D	CS	1310A2199801-0	A02

DATE	CHANGE NO.	REV
2007/06/20	2007-ECO-009981	C
2007/06/20	2007-ECO-009978	B
2007/06/13	INITIAL	A

TITLE **INVENTEC**
Hangzhou

SHEET 1 OF 2



	1	2	3	4	5	6	7	8
A								
B								
C								
D								
E								
F								

HANGZHOU 1.0
SWITCH BOARD AN
MV BUILD2008.05.26

2007/06/23	2007-ECO-010472	D
2007/06/21	2007-ECO-010109	C
2007/06/20	2007-ECO-009978	B
2007/06/13	2007-ECO-009740	A
2007/05/09	2007-ECO-007323	AX6
2007/05/05	2007-ECO-007097	AX5
2007/04/18	2007-ECO-006054	AX4
2007/04/02	2007-ECO-004949	AX3
2007/03/27	2007-ECO-004662	AX2
2007/03/26	2007-ECO-004581	AX1
2007/02/16	INITIAL	X01
DATE	CHANGE NO.	REV

	EE	DATE	POWER	DATE
DRAWER	Chang, Sean	2007-JUN-01	---	---
DESIGN	Chang, Sean	2007-JUN-01	---	---
CHECK	Chen, Te-Yu	2007-JUN-01	---	---
RESPONSIBLE	Chen, Te-Yu	2007-JUN-01	---	---
SIZE = 3VER : A03				
FILE NAME : SUZHOU10-6050A2142001-SWB-A03-20070601				
P/N	6050A2142001			

SIZE D	CODE CS	DOC. NUMBER 1310A2200101-0	REV A02
SHEET 1		OF 2	

INVENTECHangzhou

