

LS730 WHL Schematics

2017-11-27

REV : 17934-1

<Variant Name>

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title
COVER PAGE

Size
A4

Document Number
S730



Rev
-1

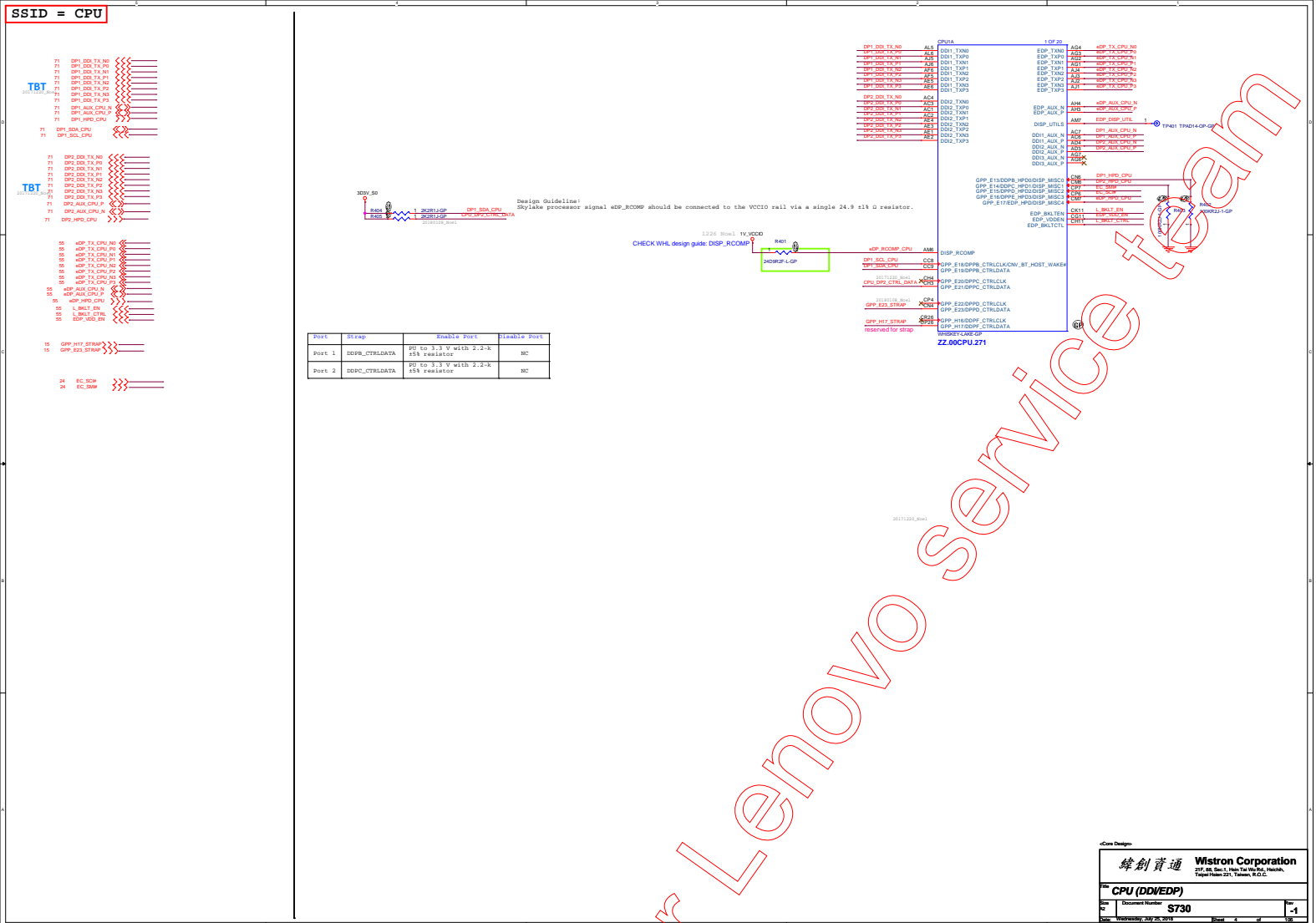
Date: Wednesday, July 25, 2018

Sheet 1 of 106

Project code:4PD0FD010001
PCB P/N: 17934
Revision: -1



-  External Connector/Socket
-  Internal Connector/Socket
- Internal Switch



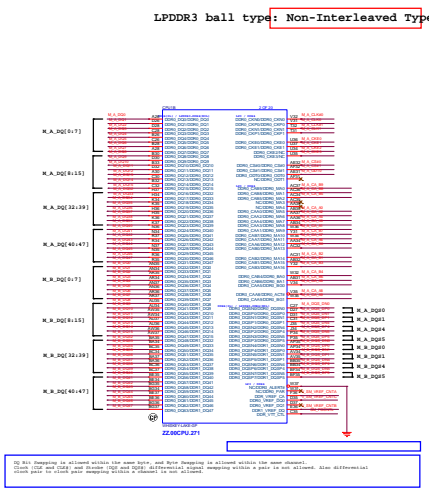
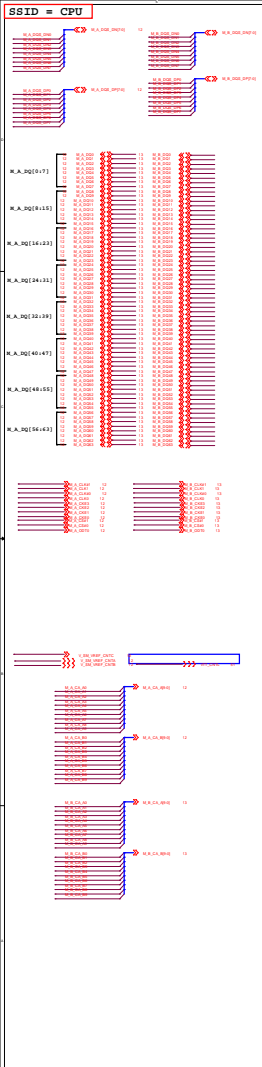
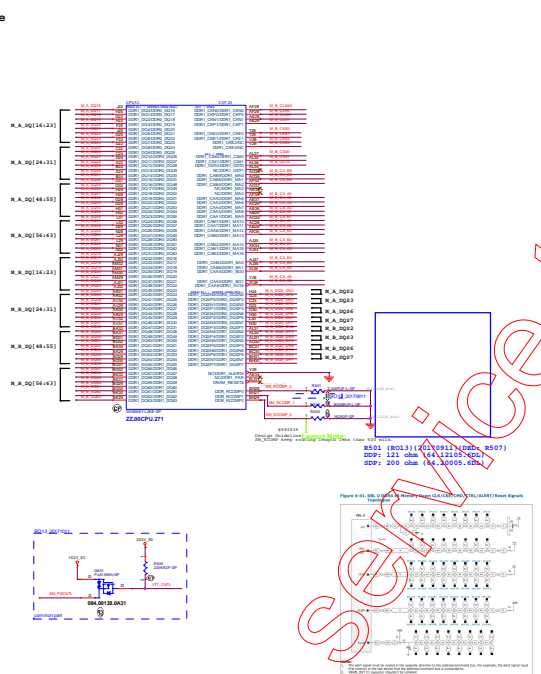


Table 5-62. QDT Signal Connectivity Table (Sheet 2 of 3)

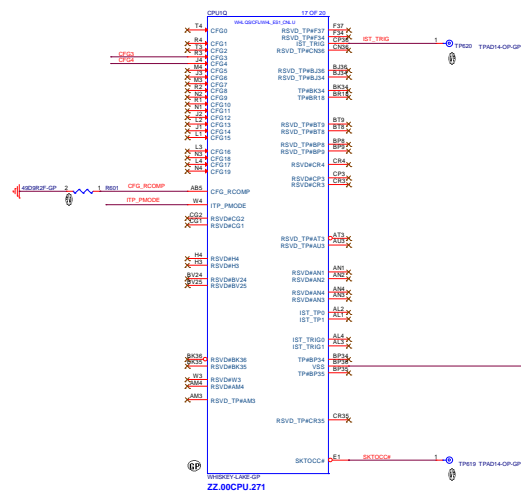
Process	Pin	Signal	Mode	Notes
Processor	QDT0	QDT0	Processor	QDT0
Processor	QDT1	QDT1	Processor	QDT1
Processor	QDT2	QDT2	Processor	QDT2
Processor	QDT3	QDT3	Processor	QDT3
Processor	QDT4	QDT4	Processor	QDT4
Processor	QDT5	QDT5	Processor	QDT5
Processor	QDT6	QDT6	Processor	QDT6
Processor	QDT7	QDT7	Processor	QDT7
Processor	QDT8	QDT8	Processor	QDT8
Processor	QDT9	QDT9	Processor	QDT9
Processor	QDT10	QDT10	Processor	QDT10
Processor	QDT11	QDT11	Processor	QDT11
Processor	QDT12	QDT12	Processor	QDT12
Processor	QDT13	QDT13	Processor	QDT13
Processor	QDT14	QDT14	Processor	QDT14
Processor	QDT15	QDT15	Processor	QDT15
Processor	QDT16	QDT16	Processor	QDT16
Processor	QDT17	QDT17	Processor	QDT17
Processor	QDT18	QDT18	Processor	QDT18
Processor	QDT19	QDT19	Processor	QDT19
Processor	QDT20	QDT20	Processor	QDT20
Processor	QDT21	QDT21	Processor	QDT21
Processor	QDT22	QDT22	Processor	QDT22
Processor	QDT23	QDT23	Processor	QDT23
Processor	QDT24	QDT24	Processor	QDT24
Processor	QDT25	QDT25	Processor	QDT25
Processor	QDT26	QDT26	Processor	QDT26
Processor	QDT27	QDT27	Processor	QDT27
Processor	QDT28	QDT28	Processor	QDT28
Processor	QDT29	QDT29	Processor	QDT29
Processor	QDT30	QDT30	Processor	QDT30
Processor	QDT31	QDT31	Processor	QDT31
Processor	QDT32	QDT32	Processor	QDT32
Processor	QDT33	QDT33	Processor	QDT33
Processor	QDT34	QDT34	Processor	QDT34
Processor	QDT35	QDT35	Processor	QDT35
Processor	QDT36	QDT36	Processor	QDT36
Processor	QDT37	QDT37	Processor	QDT37
Processor	QDT38	QDT38	Processor	QDT38
Processor	QDT39	QDT39	Processor	QDT39
Processor	QDT40	QDT40	Processor	QDT40
Processor	QDT41	QDT41	Processor	QDT41
Processor	QDT42	QDT42	Processor	QDT42
Processor	QDT43	QDT43	Processor	QDT43
Processor	QDT44	QDT44	Processor	QDT44
Processor	QDT45	QDT45	Processor	QDT45
Processor	QDT46	QDT46	Processor	QDT46
Processor	QDT47	QDT47	Processor	QDT47
Processor	QDT48	QDT48	Processor	QDT48
Processor	QDT49	QDT49	Processor	QDT49
Processor	QDT50	QDT50	Processor	QDT50
Processor	QDT51	QDT51	Processor	QDT51
Processor	QDT52	QDT52	Processor	QDT52
Processor	QDT53	QDT53	Processor	QDT53
Processor	QDT54	QDT54	Processor	QDT54
Processor	QDT55	QDT55	Processor	QDT55
Processor	QDT56	QDT56	Processor	QDT56
Processor	QDT57	QDT57	Processor	QDT57
Processor	QDT58	QDT58	Processor	QDT58
Processor	QDT59	QDT59	Processor	QDT59
Processor	QDT60	QDT60	Processor	QDT60
Processor	QDT61	QDT61	Processor	QDT61
Processor	QDT62	QDT62	Processor	QDT62
Processor	QDT63	QDT63	Processor	QDT63
Processor	QDT64	QDT64	Processor	QDT64
Processor	QDT65	QDT65	Processor	QDT65
Processor	QDT66	QDT66	Processor	QDT66
Processor	QDT67	QDT67	Processor	QDT67
Processor	QDT68	QDT68	Processor	QDT68
Processor	QDT69	QDT69	Processor	QDT69
Processor	QDT70	QDT70	Processor	QDT70
Processor	QDT71	QDT71	Processor	QDT71
Processor	QDT72	QDT72	Processor	QDT72
Processor	QDT73	QDT73	Processor	QDT73
Processor	QDT74	QDT74	Processor	QDT74
Processor	QDT75	QDT75	Processor	QDT75
Processor	QDT76	QDT76	Processor	QDT76
Processor	QDT77	QDT77	Processor	QDT77
Processor	QDT78	QDT78	Processor	QDT78
Processor	QDT79	QDT79	Processor	QDT79
Processor	QDT80	QDT80	Processor	QDT80
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Processor	QDT89	QDT89	Processor	QDT89
Processor	QDT90	QDT90	Processor	QDT90
Processor	QDT91	QDT91	Processor	QDT91
Processor	QDT92	QDT92	Processor	QDT92
Processor	QDT93	QDT93	Processor	QDT93
Processor	QDT94	QDT94	Processor	QDT94
Processor	QDT95	QDT95	Processor	QDT95
Processor	QDT96	QDT96	Processor	QDT96
Processor	QDT97	QDT97	Processor	QDT97
Processor	QDT98	QDT98	Processor	QDT98
Processor	QDT99	QDT99	Processor	QDT99



10.58 CPU3
15 CPU4

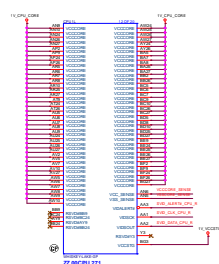
CFD3
CFD4

00 ITP_PMODE <<<

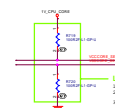
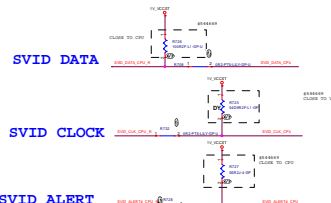


PCH strap pin: CPU3 CPU4

DISPLAY PORT PREFERENCE STRAP	
CPU[4]	0: DISABLED As external Display Port device is connected to the Embedded Display Port. 1: DISABLED (Default) No Physical Display Port attached to Embedded DisplayPort*. No connect for disable.



Layout Note:
The total length of Data and Clock (from CPU to each VE) must be equal (+0.2 inch). Route the Signal along between the Clock and the Data signals.



- Layout Note:
 - Place close to CPU
 - VCC_ARM / VDD_ARM impedance=10 ohm
 - Length min=20mm

Figure 10-7. Routing Illustration for SVID Topology

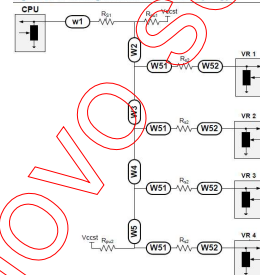
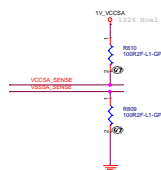
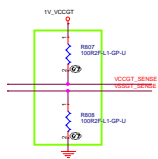
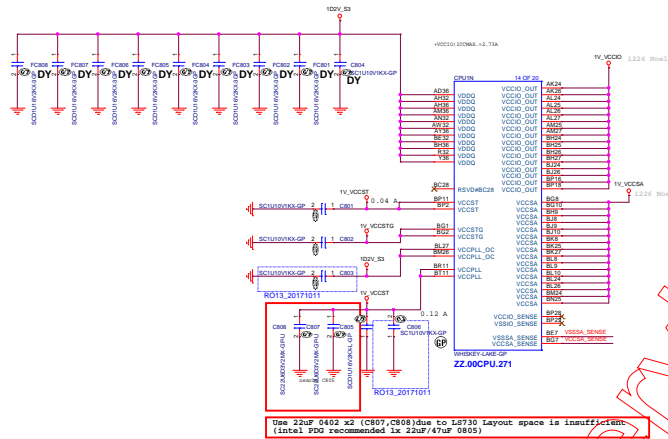
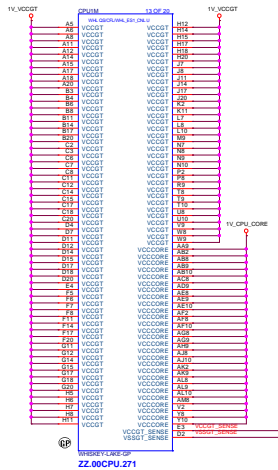


Table 10-10. SVTD Bus Routing Guidelines

Signal	W1 [inches]	W2 [inches]	W3 & W4 [inches]	W2+W3+W4+W5 [inches]	W11 [inches]	W12 [inches]	R ₅₀ [°]	R ₁₀₀ [°]	F ₁ [°]	F ₂ [°]	V ₀ [°]
VIDSOV	0.5-3	1-15	0.5-4	3-17	<0.1	<0.1	100	100	0	10	1.0
VIDSOV							Empty	45	0	50	
VIDALERT							56	Empty	220	0	

Lenovo Confidential for Lenovo Service team

AS VCCST_SENSE
AS VCCST_SENSE
AS VCCSA_SENSE
AS VCCSA_SENSE



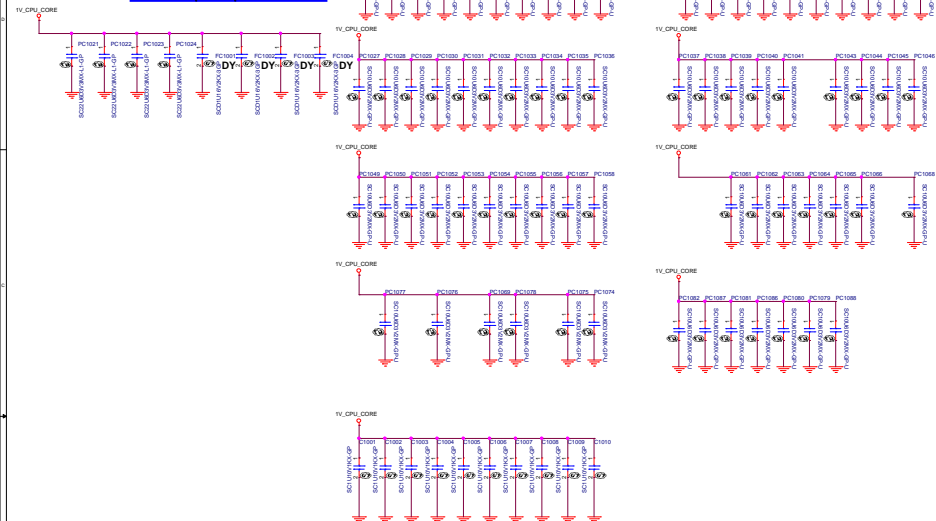
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<Variant Name>		
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Title (Reserved)		
Size A3	Document Number S730	Rev -1
Date: Wednesday, July 26, 2018	Sheet 9 of	106

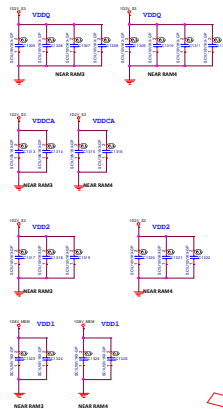
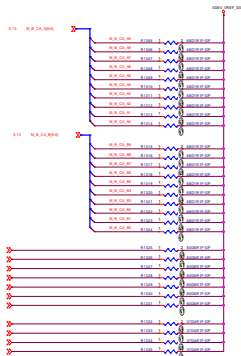
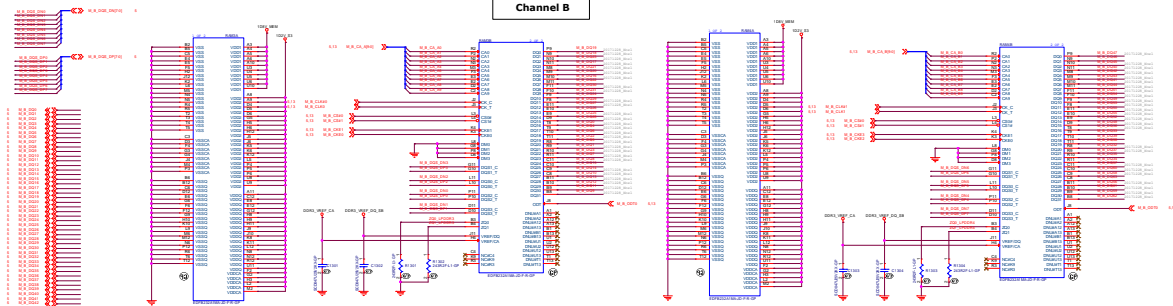
U-Line 42

IocMax current=10ma max = 10 A

	PCB	Cap
22uF	35	330uF*2
10uF	77	330uF*2



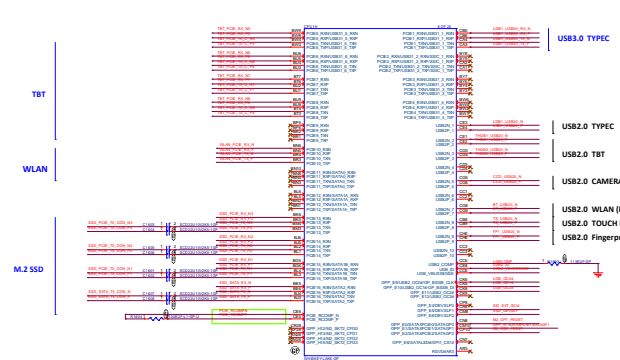
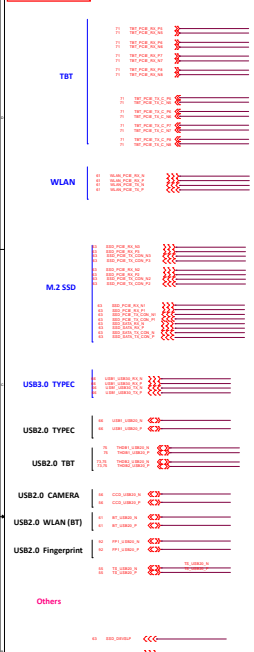
Channel B



(Blanking)

<Variant Name>

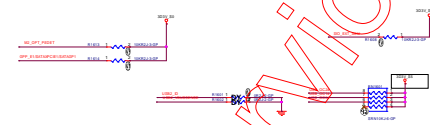
緯創資通		Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title (Reserved)			
Size A4	Document Number S730		Rev -1
Date: Wednesday, July 25, 2018		Sheet 14 of	106

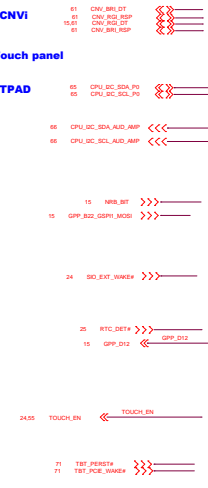


Layout Note:

- 1. Please refer to the USB 3.0 Type-C (Thunderbolt) 12-13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 125, 126, 127, 128, 129, 130, 131, 132, 133, 134, 135, 136, 137, 138, 139, 140, 141, 142, 143, 144, 145, 146, 147, 148, 149, 150, 151, 152, 153, 154, 155, 156, 157, 158, 159, 160, 161, 162, 163, 164, 165, 166, 167, 168, 169, 170, 171, 172, 173, 174, 175, 176, 177, 178, 179, 180, 181, 182, 183, 184, 185, 186, 187, 188, 189, 190, 191, 192, 193, 194, 195, 196, 197, 198, 199, 200, 201, 202, 203, 204, 205, 206, 207, 208, 209, 210, 211, 212, 213, 214, 215, 216, 217, 218, 219, 220, 221, 222, 223, 224, 225, 226, 227, 228, 229, 230, 231, 232, 233, 234, 235, 236, 237, 238, 239, 240, 241, 242, 243, 244, 245, 246, 247, 248, 249, 250, 251, 252, 253, 254, 255, 256, 257, 258, 259, 260, 261, 262, 263, 264, 265, 266, 267, 268, 269, 270, 271, 272, 273, 274, 275, 276, 277, 278, 279, 280, 281, 282, 283, 284, 285, 286, 287, 288, 289, 290, 291, 292, 293, 294, 295, 296, 297, 298, 299, 300, 301, 302, 303, 304, 305, 306, 307, 308, 309, 310, 311, 312, 313, 314, 315, 316, 317, 318, 319, 320, 321, 322, 323, 324, 325, 326, 327, 328, 329, 330, 331, 332, 333, 334, 335, 336, 337, 338, 339, 340, 341, 342, 343, 344, 345, 346, 347, 348, 349, 350, 351, 352, 353, 354, 355, 356, 357, 358, 359, 360, 361, 362, 363, 364, 365, 366, 367, 368, 369, 370, 371, 372, 373, 374, 375, 376, 377, 378, 379, 380, 381, 382, 383, 384, 385, 386, 387, 388, 389, 390, 391, 392, 393, 394, 395, 396, 397, 398, 399, 400, 401, 402, 403, 404, 405, 406, 407, 408, 409, 410, 411, 412, 413, 414, 415, 416, 417, 418, 419, 420, 421, 422, 423, 424, 425, 426, 427, 428, 429, 430, 431, 432, 433, 434, 435, 436, 437, 438, 439, 440, 441, 442, 443, 444, 445, 446, 447, 448, 449, 450, 451, 452, 453, 454, 455, 456, 457, 458, 459, 460, 461, 462, 463, 464, 465, 466, 467, 468, 469, 470, 471, 472, 473, 474, 475, 476, 477, 478, 479, 480, 481, 482, 483, 484, 485, 486, 487, 488, 489, 490, 491, 492, 493, 494, 495, 496, 497, 498, 499, 500, 501, 502, 503, 504, 505, 506, 507, 508, 509, 510, 511, 512, 513, 514, 515, 516, 517, 518, 519, 520, 521, 522, 523, 524, 525, 526, 527, 528, 529, 530, 531, 532, 533, 534, 535, 536, 537, 538, 539, 540, 541, 542, 543, 544, 545, 546, 547, 548, 549, 550, 551, 552, 553, 554, 555, 556, 557, 558, 559, 560, 561, 562, 563, 564, 565, 566, 567, 568, 569, 570, 571, 572, 573, 574, 575, 576, 577, 578, 579, 580, 581, 582, 583, 584, 585, 586, 587, 588, 589, 590, 591, 592, 593, 594, 595, 596, 597, 598, 599, 600, 601, 602, 603, 604, 605, 606, 607, 608, 609, 610, 611, 612, 613, 614, 615, 616, 617, 618, 619, 620, 621, 622, 623, 624, 625, 626, 627, 628, 629, 630, 631, 632, 633, 634, 635, 636, 637, 638, 639, 640, 641, 642, 643, 644, 645, 646, 647, 648, 649, 650, 651, 652, 653, 654, 655, 656, 657, 658, 659, 660, 661, 662, 663, 664, 665, 666, 667, 668, 669, 670, 671, 672, 673, 674, 675, 676, 677, 678, 679, 680, 681, 682, 683, 684, 685, 686, 687, 688, 689, 690, 691, 692, 693, 694, 695, 696, 697, 698, 699, 700, 701, 702, 703, 704, 705, 706, 707, 708, 709, 710, 711, 712, 713, 714, 715, 716, 717, 718, 719, 720, 721, 722, 723, 724, 725, 726, 727, 728, 729, 730, 731, 732, 733, 734, 735, 736, 737, 738, 739, 740, 741, 742, 743, 744, 745, 746, 747, 748, 749, 750, 751, 752, 753, 754, 755, 756, 757, 758, 759, 760, 761, 762, 763, 764, 765, 766, 767, 768, 769, 770, 771, 772, 773, 774, 775, 776, 777, 778, 779, 780, 781, 782, 783, 784, 785, 786, 787, 788, 789, 790, 791, 792, 793, 794, 795, 796, 797, 798, 799, 800, 801, 802, 803, 804, 805, 806, 807, 808, 809, 810, 811, 812, 813, 814, 815, 816, 817, 818, 819, 820, 821, 822, 823, 824, 825, 826, 827, 828, 829, 830, 831, 832, 833, 834, 835, 836, 837, 838, 839, 840, 841, 842, 843, 844, 845, 846, 847, 848, 849, 850, 851, 852, 853, 854, 855, 856, 857, 858, 859, 860, 861, 862, 863, 864, 865, 866, 867, 868, 869, 870, 871, 872, 873, 874, 875, 876, 877, 878, 879, 880, 881, 882, 883, 884, 885, 886, 887, 888, 889, 890, 891, 892, 893, 894, 895, 896, 897, 898, 899, 900, 901, 902, 903, 904, 905, 906, 907, 908, 909, 910, 911, 912, 913, 914, 915, 916, 917, 918, 919, 920, 921, 922, 923, 924, 925, 926, 927, 928, 929, 930, 931, 932, 933, 934, 935, 936, 937, 938, 939, 940, 941, 942, 943, 944, 945, 946, 947, 948, 949, 950, 951, 952, 953, 954, 955, 956, 957, 958, 959, 960, 961, 962, 963, 964, 965, 966, 967, 968, 969, 970, 971, 972, 973, 974, 975, 976, 977, 978, 979, 980, 981, 982, 983, 984, 985, 986, 987, 988, 989, 990, 991, 992, 993, 994, 995, 996, 997, 998, 999, 1000.

PORT	OPTION
1	TYPEC
2	TBT
3	TBT
4	CAMERA
5	WLAN
6	Touch Panel
7	Fingerprint





PDG #575412 p128



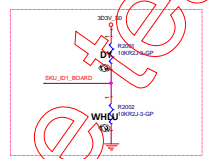
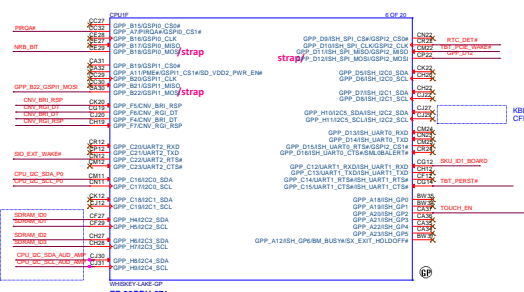
PCH strap pin: NRB_BIT

No Reboot	Sampled at rising edge of PCH_PWROK
GSPH1_MOSI / GPP_B18	0 = Disable 'No Reboot' mode. 1 = Enable 'No Reboot' mode (PCH will disable the TCO Timer system reboot feature). This function is useful when running ITPODP.

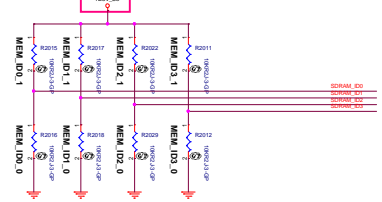
The signal has a weak internal pull-down.

TPAD Touch panel

KBLR GPP_F4.F5: 1.8V only
CFLUGPP_H4-H8: 1V

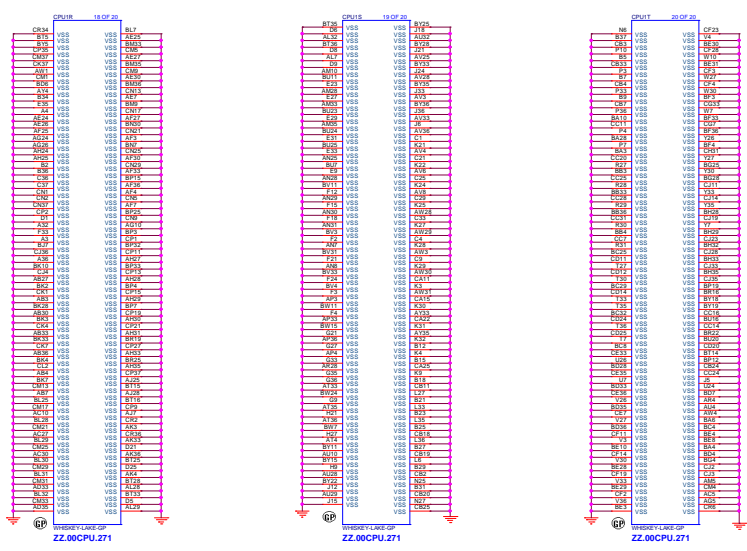


need to check power rail on GPP_H4~GPP_H8



GPP_H7	GPP_H6	GPP_H5	GPP_H4	SDRAM_I03	SDRAM_I02	SDRAM_I01	SDRAM_I00	Vendor PN	Wistron PN	Vendor	Density
0	0	0	0	0	0	0	0	KA8E324EB-EGCG		Samsung	4GB
0	0	0	1	0	0	0	0	H5CCNNNBGTALAR-NVD		HYUNIK	4GB
0	0	1	0	0	0	0	0	KA8E304EB-EGCG		MICRON	4GB
0	0	1	1	0	0	0	0	KA8E304EB-EGCG		Samsung	8GB
0	1	0	0	0	0	0	0	H5CCNNNBGTALAR-NVD		HYUNIK	8GB
0	1	0	1	0	0	0	0	MT52L512M32D2FP-083 WT-B		MICRON	8GB
0	1	1	0	0	0	0	0			Samsung	12GB
0	1	1	1	0	0	0	0			HYUNIK	12GB
1	0	0	0	0	0	0	0			MICRON	12GB
1	0	0	1	0	0	0	0	KA8E304EB-EGCG		Samsung	16GB
1	0	1	0	0	0	0	0	H5CCNNNBGTALAR-NVD		HYUNIK	16GB
1	0	1	1	0	0	0	0	MT52L1G32D4PG-083 WT-B		MICRON	16GB

0-4_1-H



Skylake U Processor Corner NCTF Motherboard Test Point Example

Pin Number	Pin Name	Description	Corner
B870	NCTFVSS	Test Point (TP)	Corner B871
B867	NCTFVSS	Test Point (TP)	
B871	NCTFVSS	Test Point (TP)	
AV71	NCTFVSS	Test Point (TP)	
BA1	NCTFVSS	Test Point (TP)	Corner B81
BA2	NCTFVSS	Test Point (TP)	
AV1	NCTFVSS	Test Point (TP)	
C1	NCTFVSS	Test Point (TP)	Corner A1
A5	NCTFVSS	Test Point (TP)	
A70	NCTFVSS	Test Point (TP)	Corner A71
A67	NCTFVSS	Test Point (TP)	
B71	NCTFVSS	Test Point (TP)	
E71	NCTFVSS	Test Point (TP)	

緯創資通

Wistron Corporation

2/F, No. 2, Sec. 2, Hsin-Tai Rd, Hsin-Tai, Taiwan, R.O.C.

CPU (VSS)

Document Number

S730

1

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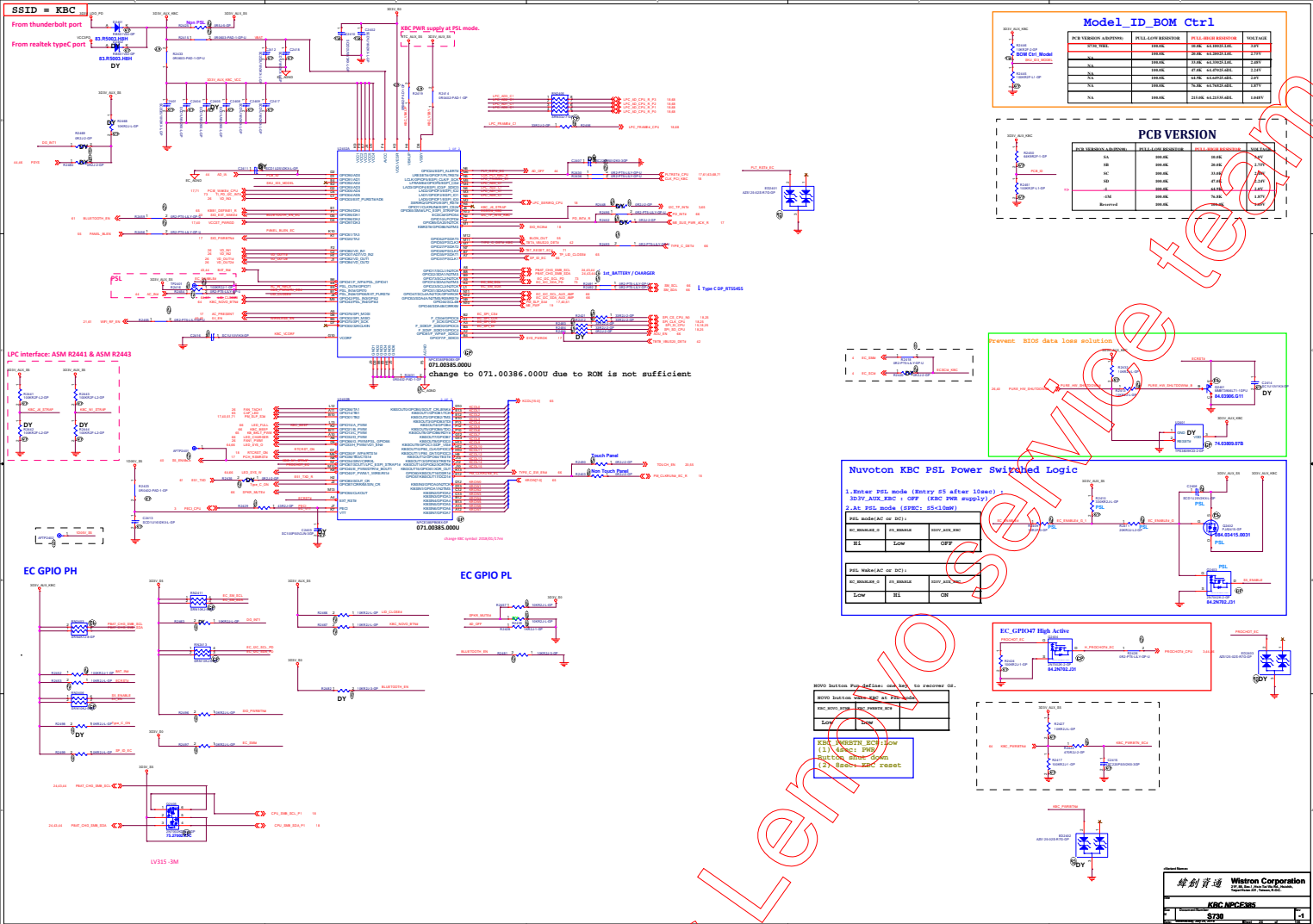
2018.07.25

Rev

2.0

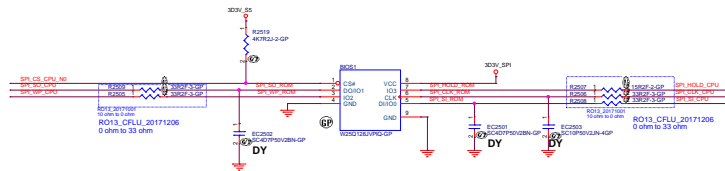
of

1



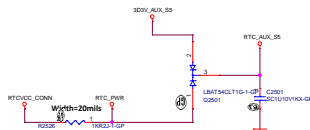


15,18 SPI_HOLD_CPU
 15,18 SPI_CLK_CPU
 15,18 SPI_CS_CPU_0
 15,18 SPI_SS_CPU_0
 15,18 SPI_SS_CPU_1
 15,18 SPI_SS_CPU_2

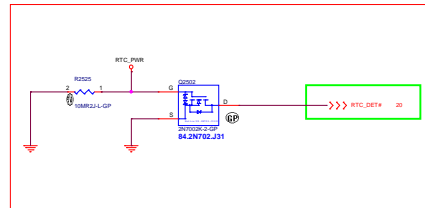


*(NOTE) 072.25128.0C71 on SPI1 need to bring in DIP at EVT phase

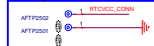
SSID = RBATT



High Detect
Need to Check whether to PD in PCH Side

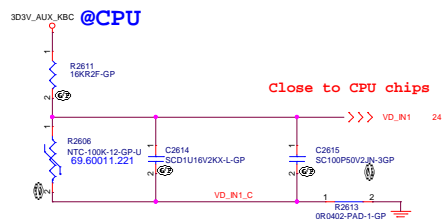


Test point

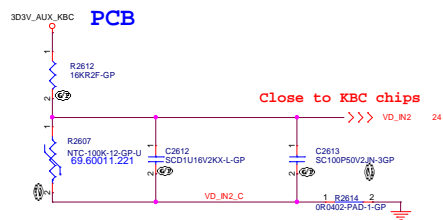


Close to Thermal sensor

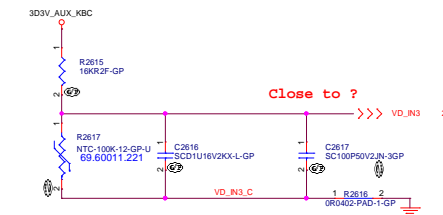
@CPU



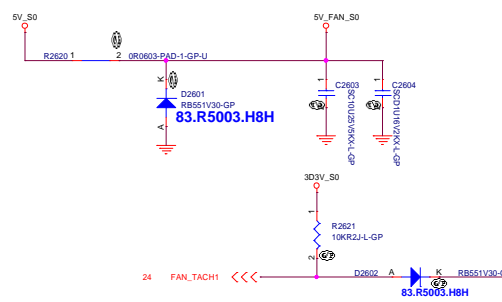
PCB



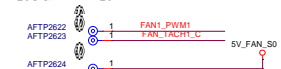
3D3V_AUX_KBC



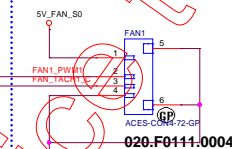
LV315(-3M)



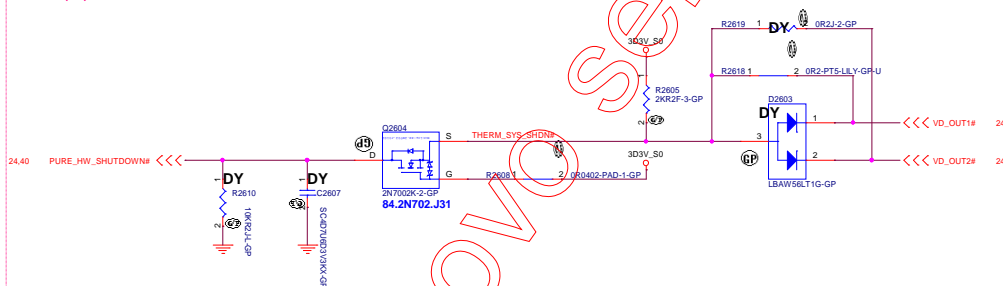
Near FAN1



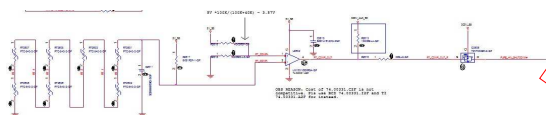
FAN CONN



LB720 (-1)



Every Type 3 project need to add PTC circuit.
But S730 Layout space is not sufficient to place PTC circuit



<Variant Name>

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin-Tai Wu Rd., Hsinchu,
Taichung Hsin 221, Taiwan, R.O.C.

Title

THERMAL/FAN

Size

A3

Document Number

S730

Date

Wednesday, July 25, 2018

Sheet

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of

106

Rev

-1

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<Variant Name>		
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Size	Document Number	Rev
A3	S730	-1
Date: Wednesday, July 25, 2018		Sheet 25 of 106

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<Variant Name>	
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品名 AUDIO JACK	
料號	Document Number
Customer	S730
Rev	-1
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RESERVED

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緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.	
Title (RESERVED)	
Size A3	Document Number S730
Date: Wednesday, July 26, 2018	Rev -1
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RESERVED

<Variant Name>

緯創資通		Wistron Corporation	
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Size A4	Document Number S730	Rev -1
Date: Wednesday, July 25, 2018		Sheet 33 of 106

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緯創資通		Wistron Corporation	
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Size	Document Number		Rev
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Date: Wednesday, July 25, 2018		Sheet 34 of	106

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<Variant Name>

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Size Custom	Document Number S730		Rev -1
Date: Wednesday, July 25, 2018		Sheet 35 of	106

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Size A3	Document Number S730	Rev -1
Date: Wednesday, July 26, 2018	Sheet 37 of	106

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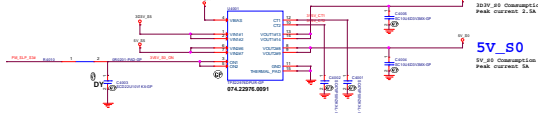
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Title		
USB30 RE-DRIVER		
Size	Document Number	Rev
A3	\$730	-1
Date: Wednesday, July 25, 2016		Sheet 38 of 106

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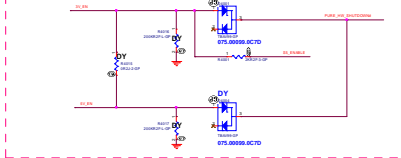
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Size A4	Document Number S730		Rev -1
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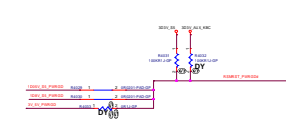
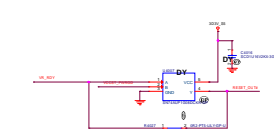
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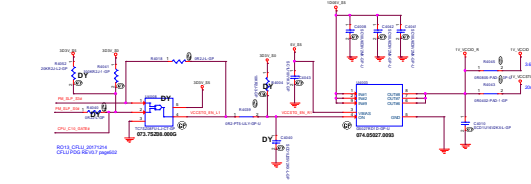
LV115 (-1M)



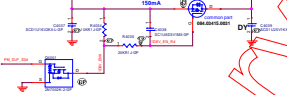
Power Good



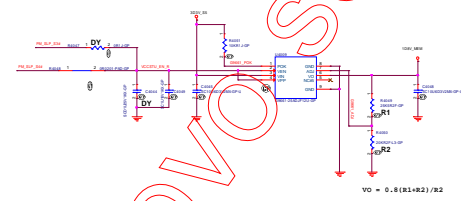
VCCIO and VCCSTG



1D8V_S0



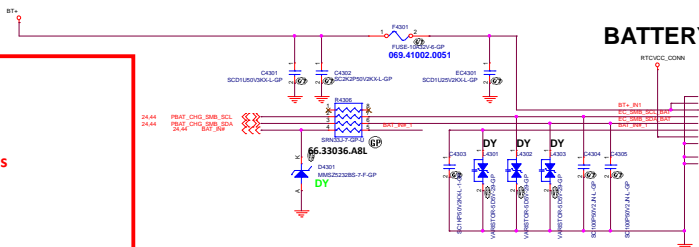
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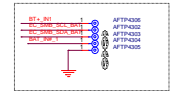
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Battery PMOS page 44 has

ADD_OFF and PMOS move to page44

ADD_OFF and PMOS move to page44

ADD_OFF and PMOS move to page44



Client Name:		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN Size 12 Document Number S730 Rev -1	
Date: Wednesday, July 25, 2018		Sheet 43	of 105

Client Name		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN Size 12 Document Number S730 Rev -1	
Date		Wednesday, July 25, 2018 Sheet 43 of 105	

Client Name:		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN Size 12 Document Number S730 Rev -1	
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Client Name:		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN	
Size	Document Number	Rev	
12	S730	-1	
Date: Wednesday, July 25, 2018		Sheet	43 of 105

Client Name:		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN Size 12 Document Number S730 Rev -1	
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Client Name:		緯創資通 Wistron Corporation 21F, 88, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsien 221, Taiwan, R.O.C.	
File		DCIN & BATT CONN Size 12 Document Number S730 Rev -1	
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PH on EE Side

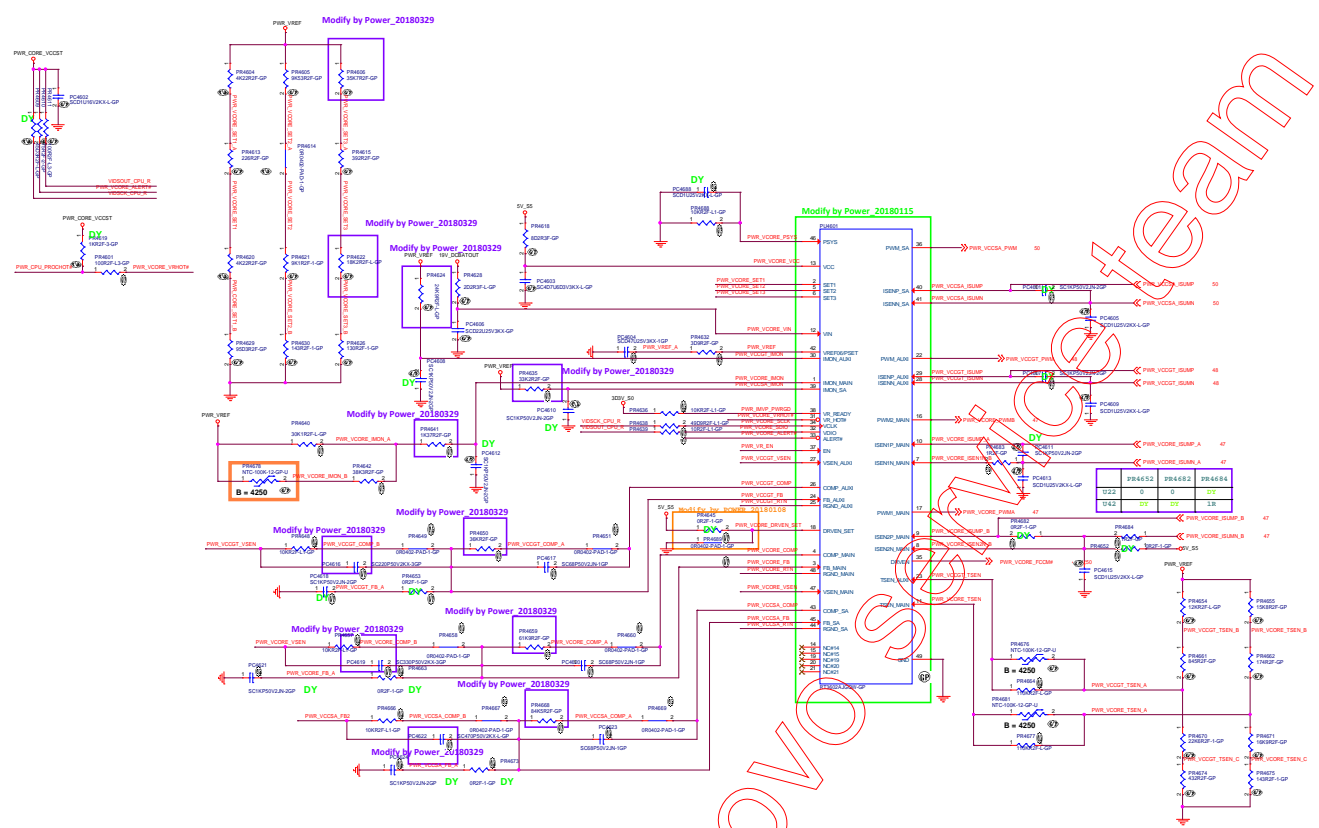
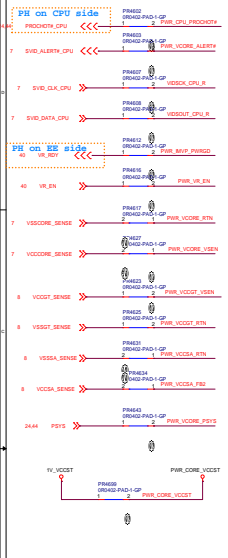
PR4551
OR0402-PAD-1-GP

1 2 PWR_SV_EN

PR4553
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1 PWR_SV_PG

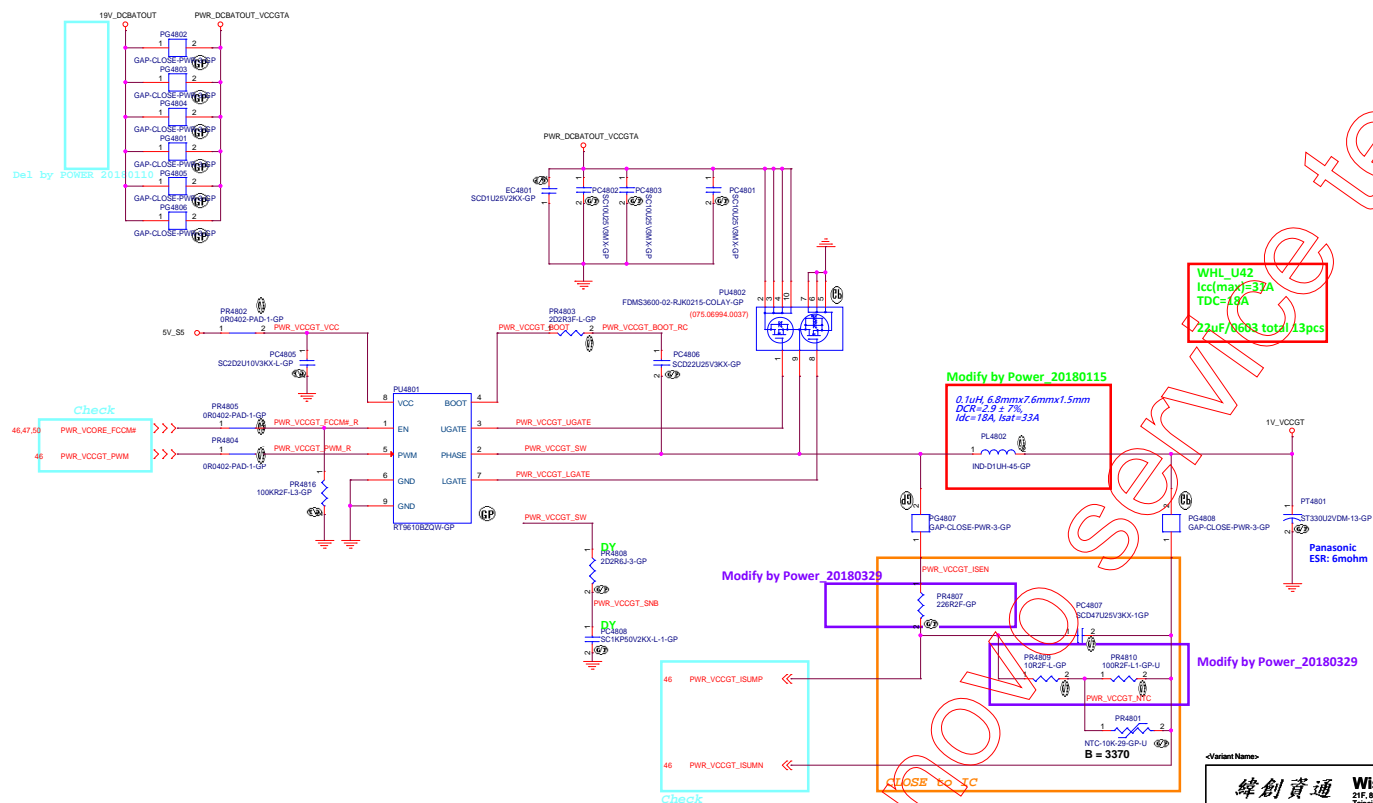




<div> <div>緯創資通</div> <div>Wistron Corporation</div> <div>21F, 88, Sec. 1, Huai Tai Wu Rd., Hsuehshui, Taipei Hsien 237, Taiwan, R.O.C.</div> </div>		
File	RT3602AJ_CPU_VCORE(1/3)	
Doc. Content	Document Number	S730
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Main Func = CPU_CORE
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File		RT9610B_CPU_VCCGT(3/3)	
Size	Custom	ST30	
Doc Number			

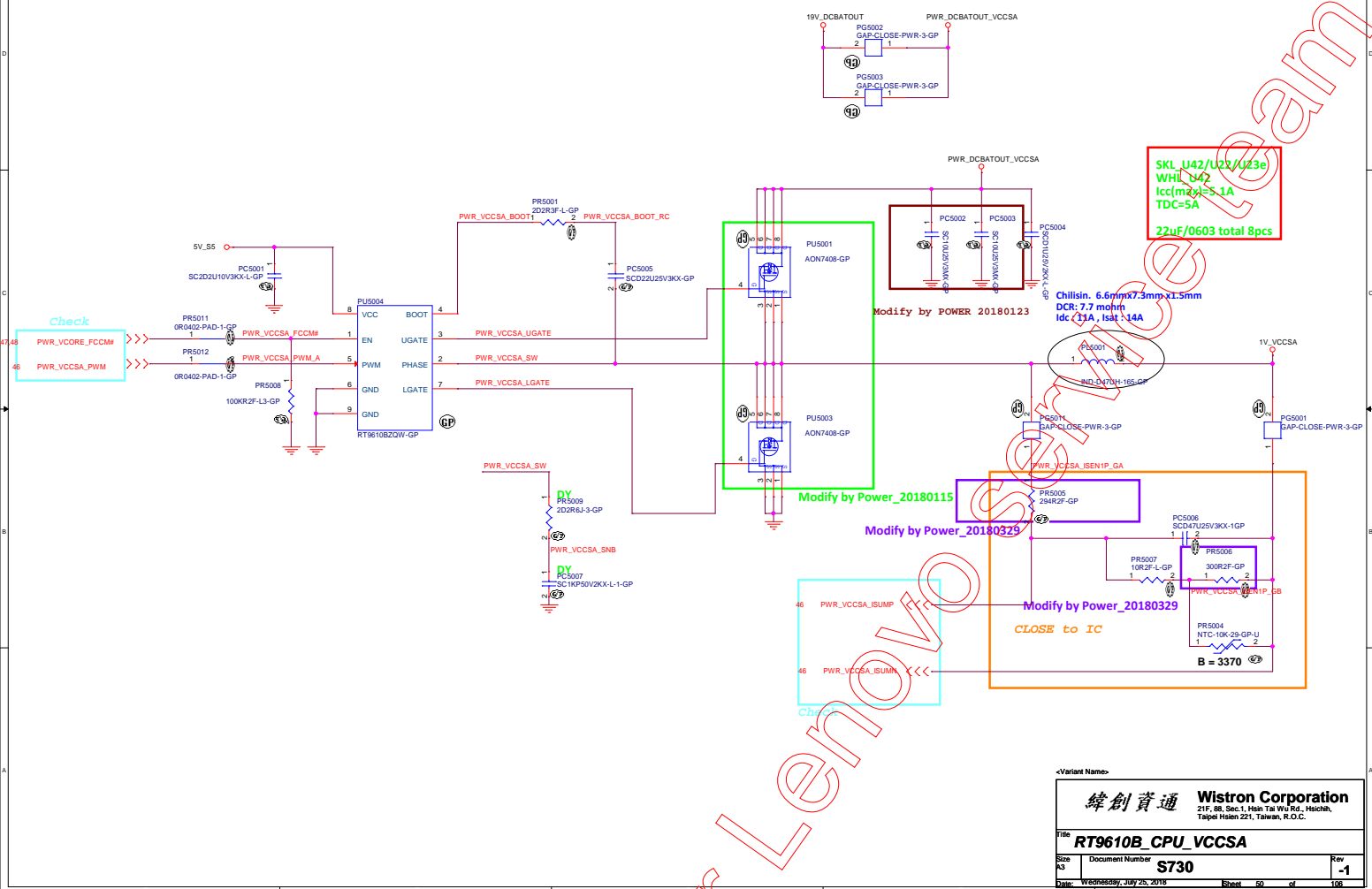
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D				
C	BLANK			
B				
A				
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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title RESERVED			
Size A4	Document Number S730		Rev -1
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Main Func = CPU_CORE
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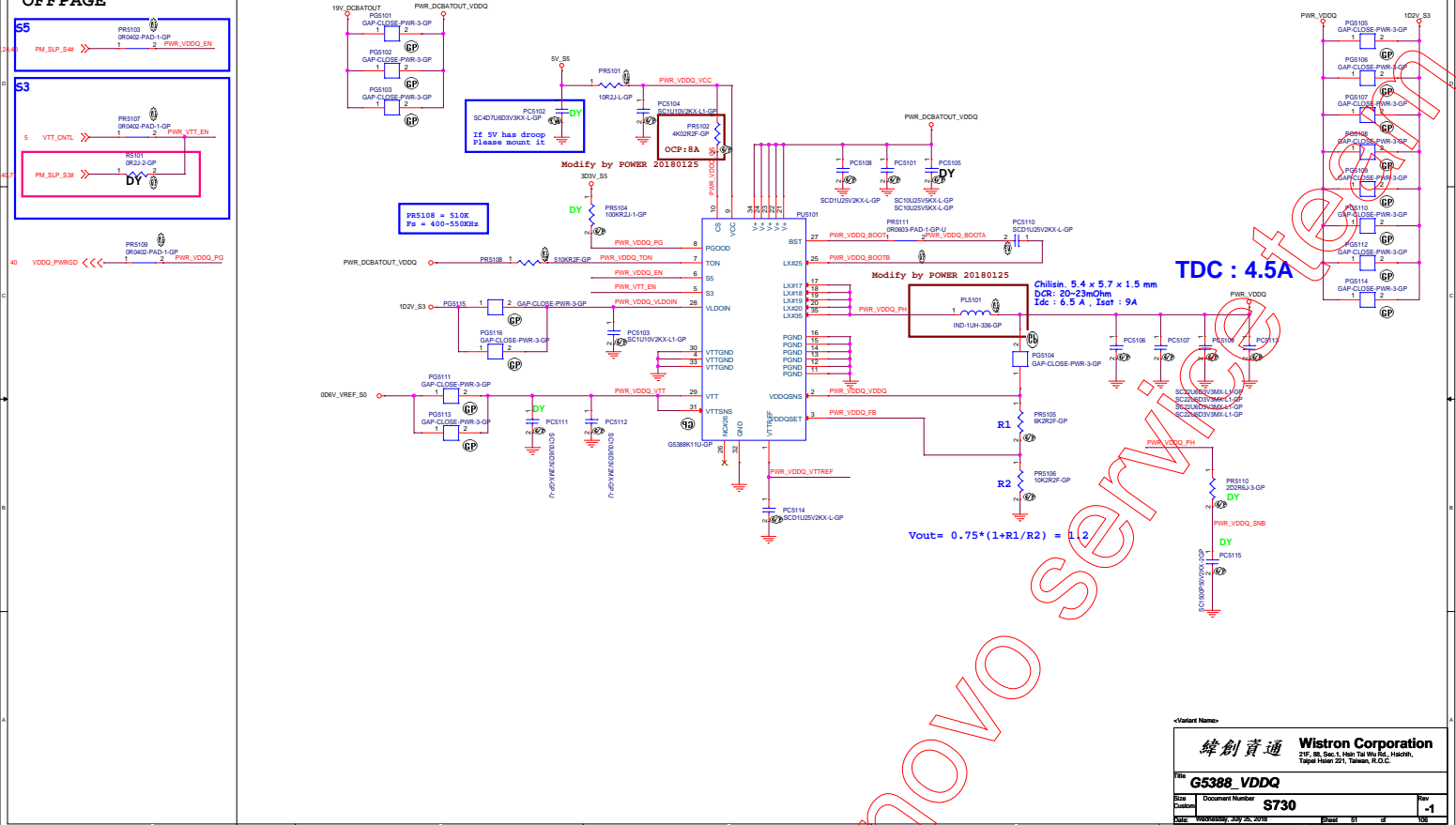
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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

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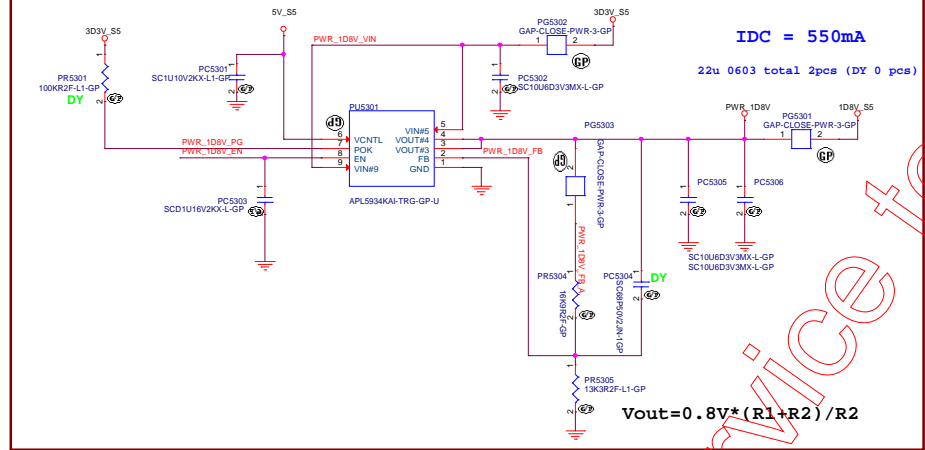
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Date: Wednesday, July 25, 2018

OFFPAGE



The diagram shows two digital signals over time. The top signal, **PWR_1D8V_PG**, is associated with the label **1D8V_S5_PWRGD** and has a period of 40.52. The bottom signal, **PWR_1D8V_EN**, is associated with the label **3V_SV_PWRGD** and has a period of 7.40, 45.52. Both signals are shown as square waves with a period of 2 units. The **PWR_1D8V_PG** signal is high for the first unit and low for the second. The **PWR_1D8V_EN** signal is high for the first unit and low for the second. The signals are connected to pins 1 and 2 of a component, indicated by arrows.



Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

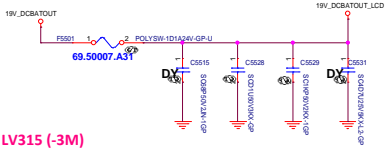
Date: Wednesday, July 25, 2018

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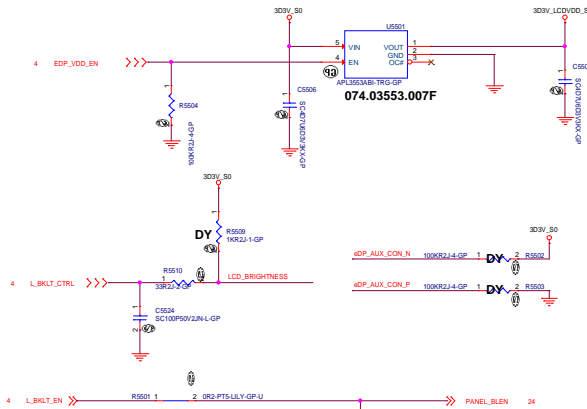
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Title		
RESERVED		
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INVERTER POWER



LV315 (-3M)



LCD Connector

1) DCBATOUT: Need 1-3 empty-pin from DCBATOUT to the signals or other power net. (Apply to TNB, LNB)

*Variant Name:	
緯創資通 Wistron Corporation	
21F, 8F, Sec.1, Hsin Tai Wu Rd., Hsinchu, Taipei Hsinchu, Taiwan, R.O.C.	
File LCD/CAM/DMIC/TOUCH	
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66  DMIC_SCL_CON  >>>
66  DMIC_SDA_CON  >>>

```



Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

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<Variant Name>		
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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.		
Title (RESERVED)		
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21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.		
Title (RESERVED)		
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Size	Document Number		Rev
A4	S730		-1
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D		E	

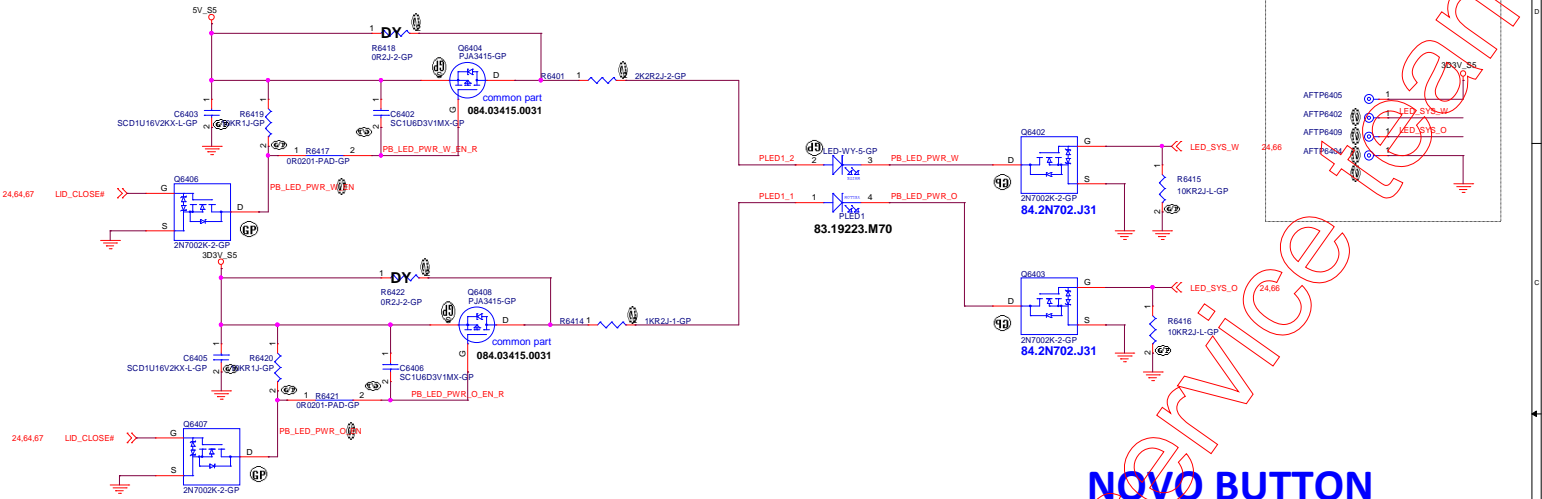
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Size	Custom Number	Rev	
	S730	-1	
Date:	WFO00009, July 26, 2018	Sheet	63 of 106

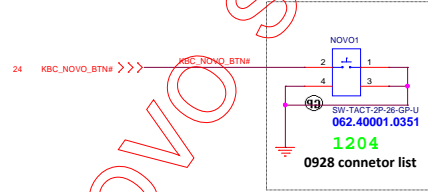
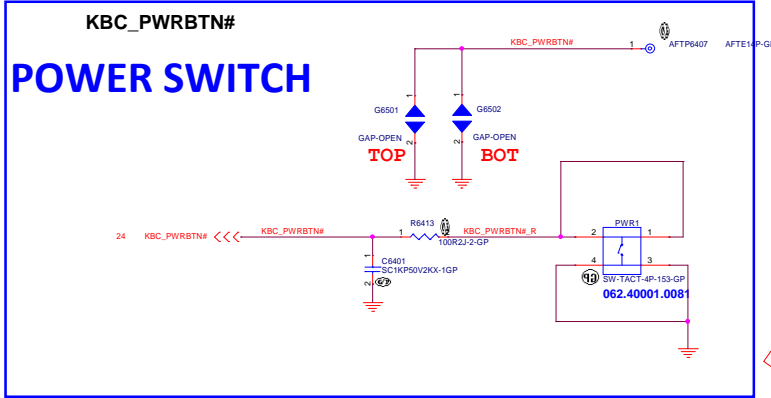
LED

POWER BTN LED

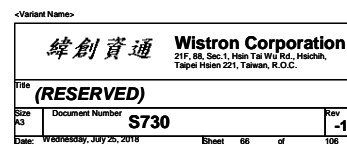
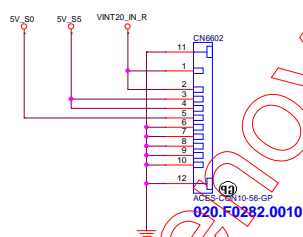
Test point



NOVO BUTTON

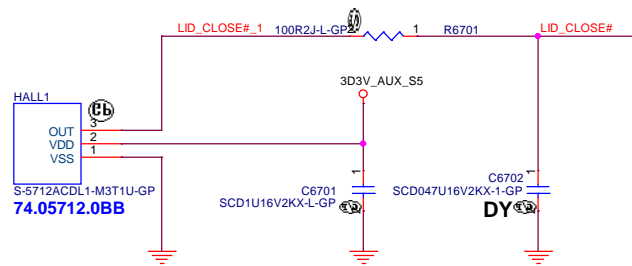


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File CHARGER LED/POWER BTN	
Size A3 Document Number S730	
Date: Wednesday, July 25, 2018	Rev -1
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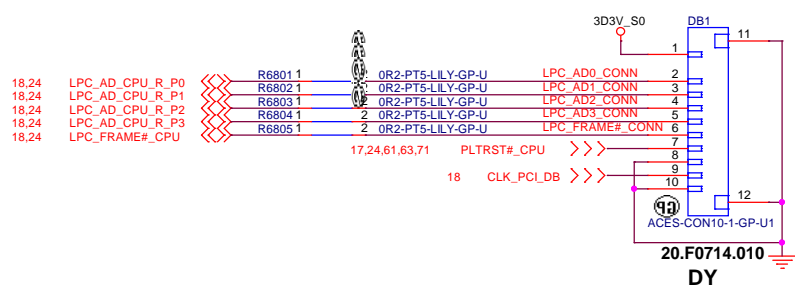


HALL SENSOR

24,64 LID_CLOSE# <<-----



<Variant Name>		
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TitleHALL SENSOR (Hall sensor)		
SizeA4	Document NumberS730	Rev-1
Date: Wednesday, July 25, 2018	Sheet 67 of 106	



<Variant Name>

緯創資通		Wistron Corporation	
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih, Taipei Hsien 221, Taiwan, R.O.C.			
Title			
DEBUG CONN			
Size	Document Number	Rev	
A4	S730	-1	
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<Variant Name>

緯創資通

Wistron Corporation
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

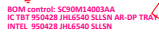
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Size A4	Document Number S730	Rev -1
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Title (RESERVED)		
Size A4	Document Number S730	Rev -1
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BUSPOWER Config.
BR_NoWait



← LOGIC

	2013-2014	
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↑
LOGIC

BC 1.2	R7330,R7331
ENABLE	ASM
DISABLE	DY

Variant Names

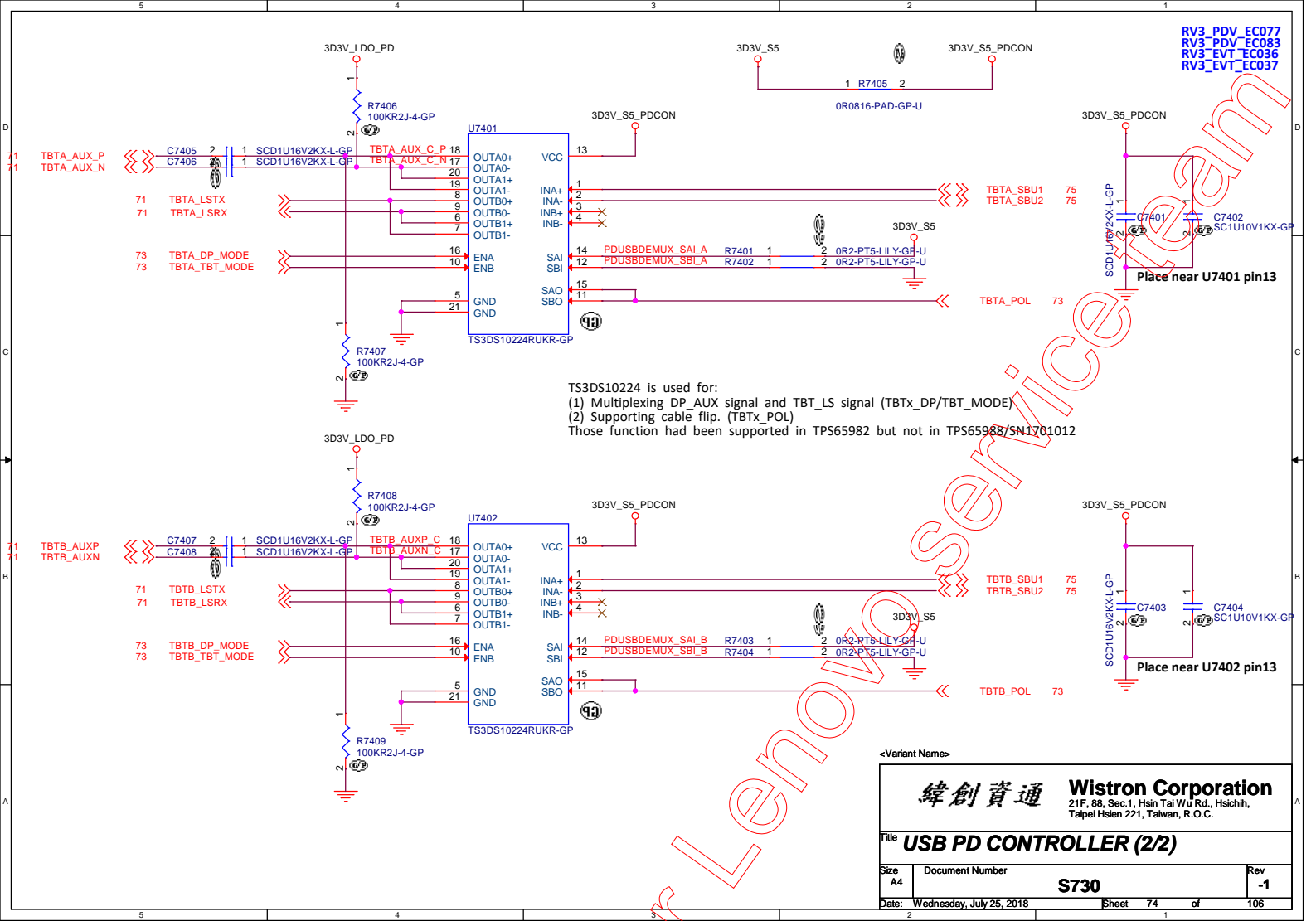
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21F, 88, Sec.1, Main Tai Wu Rd., Taichung,
Taichung Hsien 221, Taiwan, R.O.C.

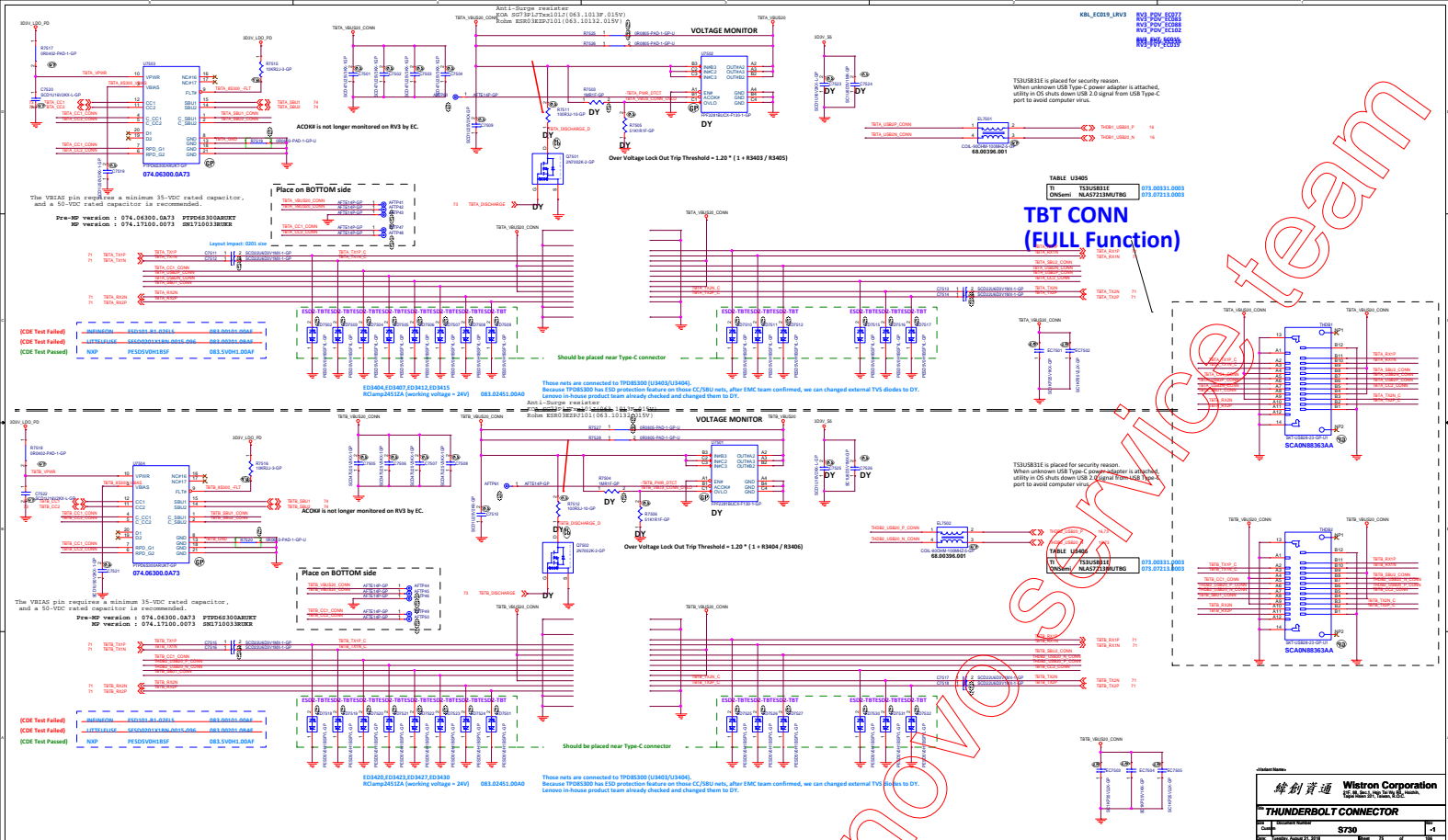
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Doc A2	Document Number S730
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A2	S730
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Date: Wednesday, July 25, 2018





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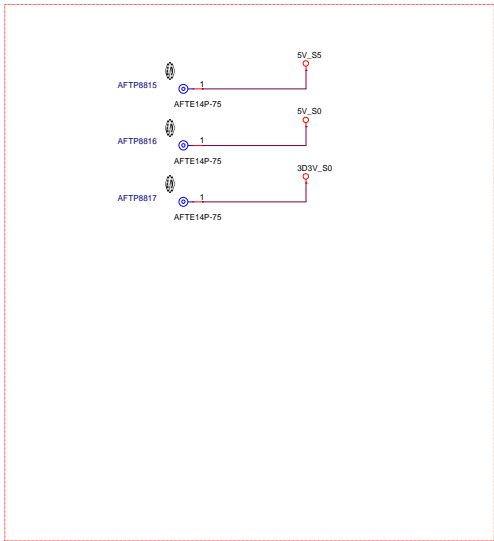
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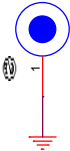


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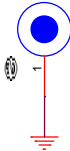
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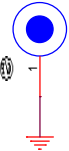
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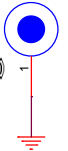
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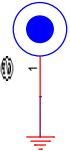
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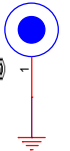
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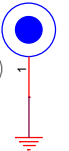
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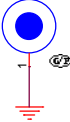
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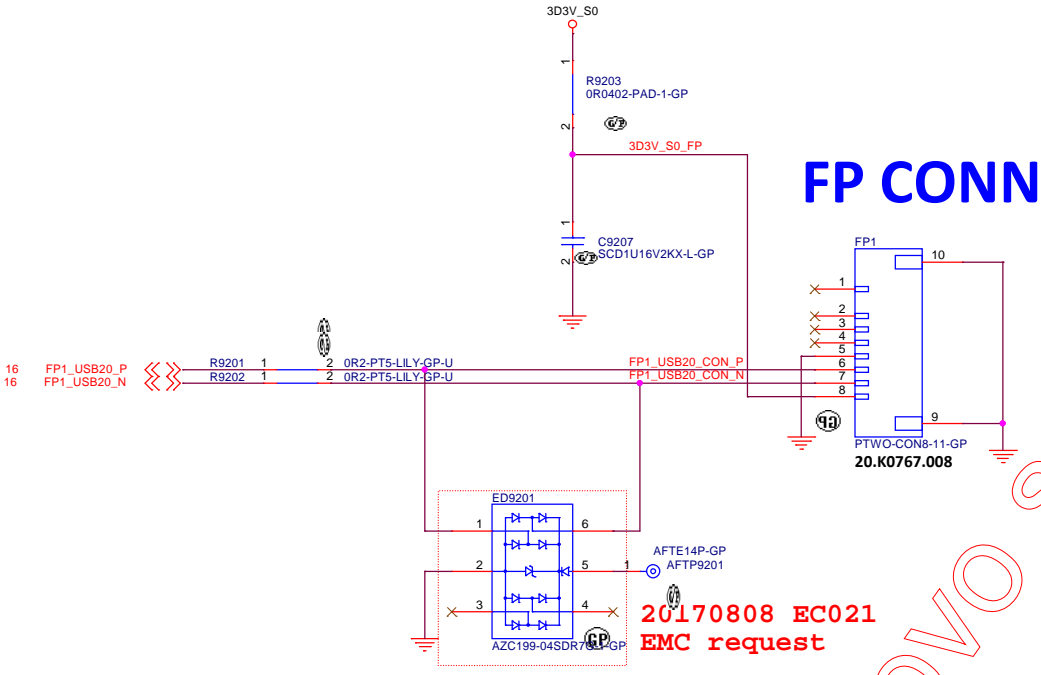
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Taipei Hsien 221, Taiwan, R.O.C.

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217, 38, Sec. 2, Jing Ta Hsiang, Taipei		Taipei 10649, Taiwan, R.O.C.	
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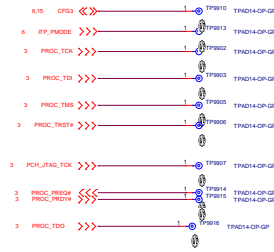
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緯創資通 **Wistron Corporation**
21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

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Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

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緯創資通

Wistron Corporation

21F, 88, Sec.1, Hsin Tai Wu Rd., Hsichih,
Taipei Hsien 221, Taiwan, R.O.C.

Title

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