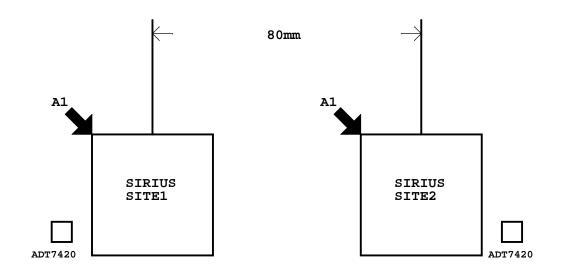
## Test configuration

iirigaracioii						
Group 7 (Card Cage 6)						
DCDC2	DCDC1					
DPS7						
424	420					
224	220					
423	419					
223	219					
422	418					
222	218					
421	417					
221	217					

Grou	p 8 (Ca	rd Cag	ge 2)
DCDC2		DCDC1	
DPS8			
432		428	
232		228	
431	MB-AV8	427	
231	MB-AV8	227	
430		426	
230		226	
429	CS-DPS	425	CS-DPS
229	CS-DPS	225	CS-DPS

Grou	p 2 (Ca	rd Cag	ge 4)
DCDC2		DCDC1	
DPS2			
316	PS1600	312	PS1600
116	PS1600	112	PS1600
315	PS1600	311	PS1600
115	PS1600	111	PS1600
314	PS1600	310	PS1600
114	PS1600	110	PS1600
313	PS1600	309	PS1600
113	PS1600	109	PS1600

Grou	<u> </u>	(Ca	rd Cag	e 8)
DCDC2			DCDC1	
DPS6				
416			412	
216			212	
415			411	
215			211	
414			410	
214			210	
413			409	
213			209	



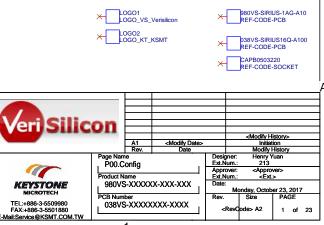
125	PS1600	129	PS1600	
325		329		
126	PS1600	130	PS1600	
326		330		
127	PS1600	131	PS1600	
327		331		
128	PS1600	132	PS1600	
328		332		
		DPS4		
DCDC1		DCDC2		
Group 4 (Card Cage 5)				

117	PS1600	121	PS1600	
317	PS1600	321	PS1600	
118	PS1600	122	PS1600	
318	PS1600	322	PS1600	
119	PS1600	123	PS1600	
319	PS1600	323	PS1600	
120	PS1600	124	PS1600	
320	PS1600	324	PS1600	
		DPS3		
DCDC1		DCDC2		
Group 3 (Card Cage 1)				

101 PS1600 105	PS1600
301 PS1600 305	PS1600
102 PS1600 106	PS1600
302 PS1600 306	PS1600
103 PS1600 107	PS1600
303 PS1600 307	PS1600
104 PS1600 108	PS1600
304 PS1600 308	PS1600
DPS1	
DCDC1 DCDC2	2
Group 1 (Card Ca	ge 3)

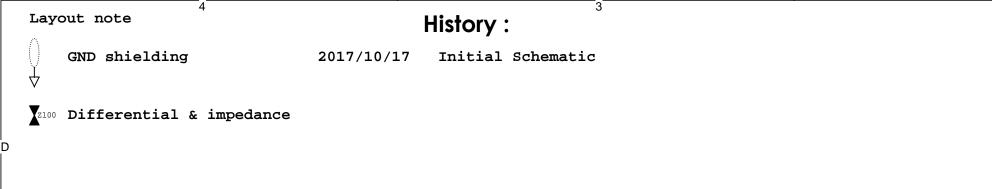
201			205	
401			405	
202			206	
402			406	
203			207	
403			407	
204			208	
404			408	
			DPS5	
DCDC1			DCDC2	
Group	5	(Ca	rd Cag	re 7)

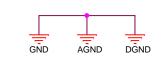
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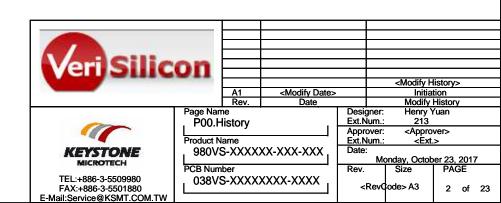


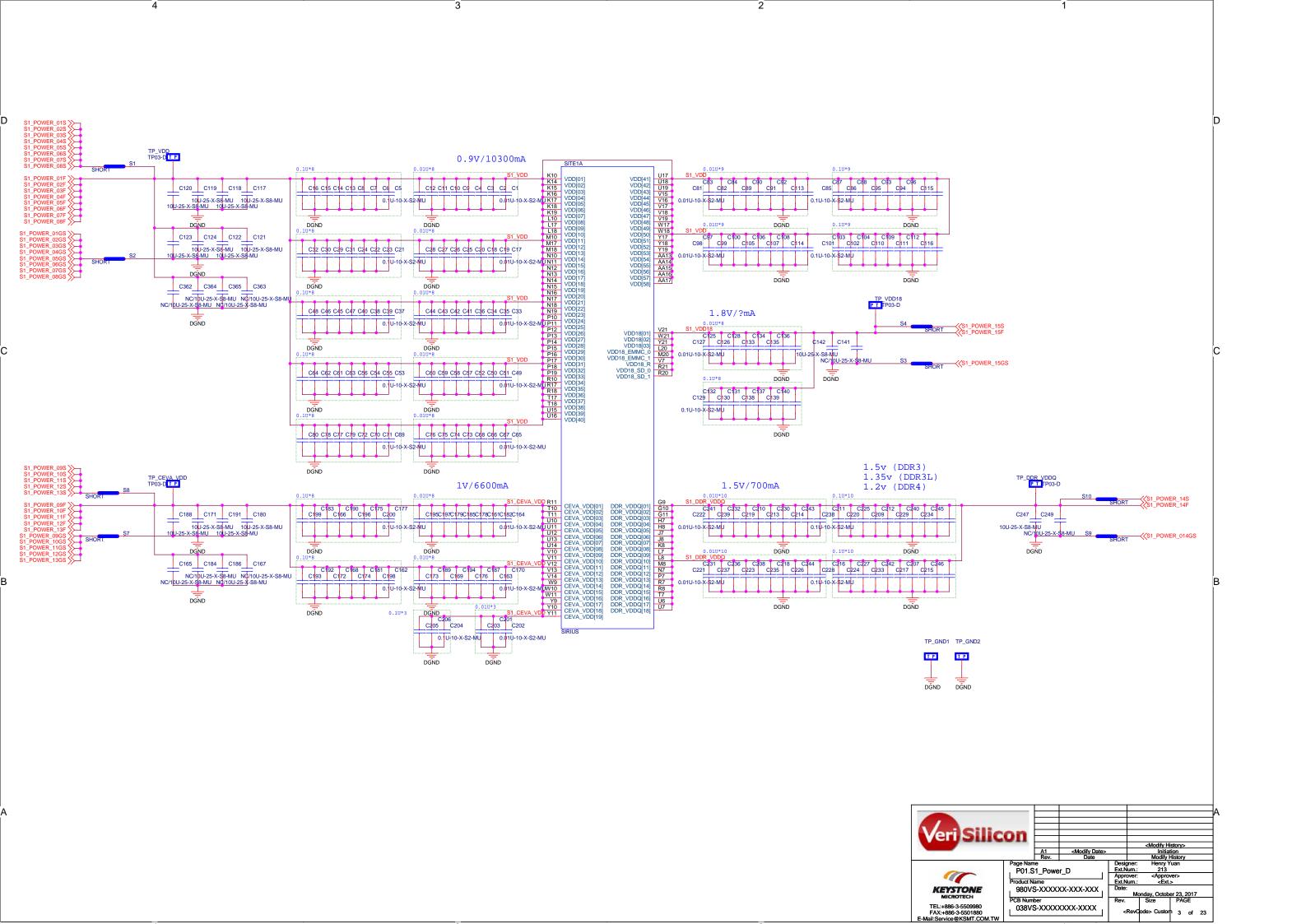
SIRIUS REF-CODE-CHIP

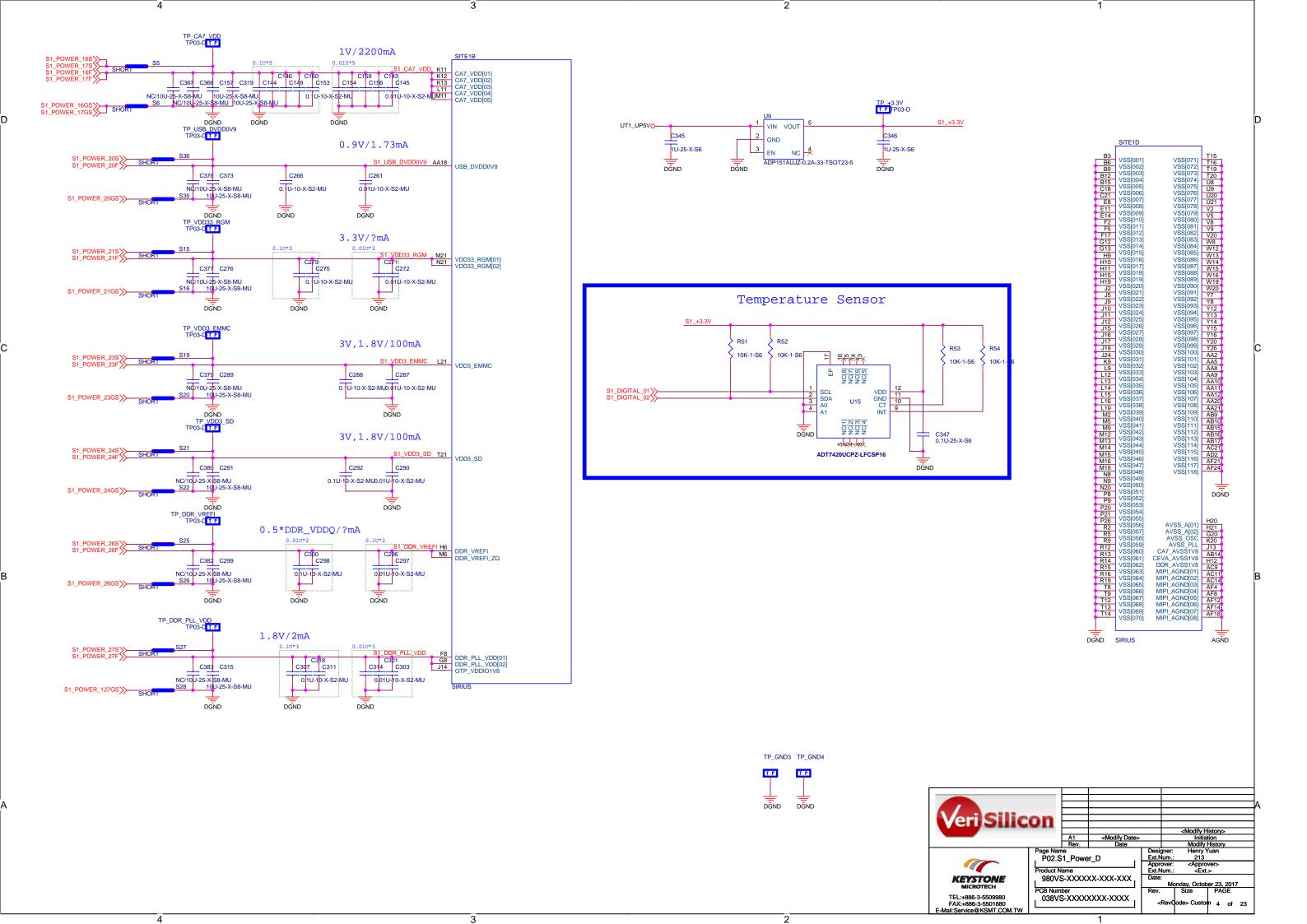
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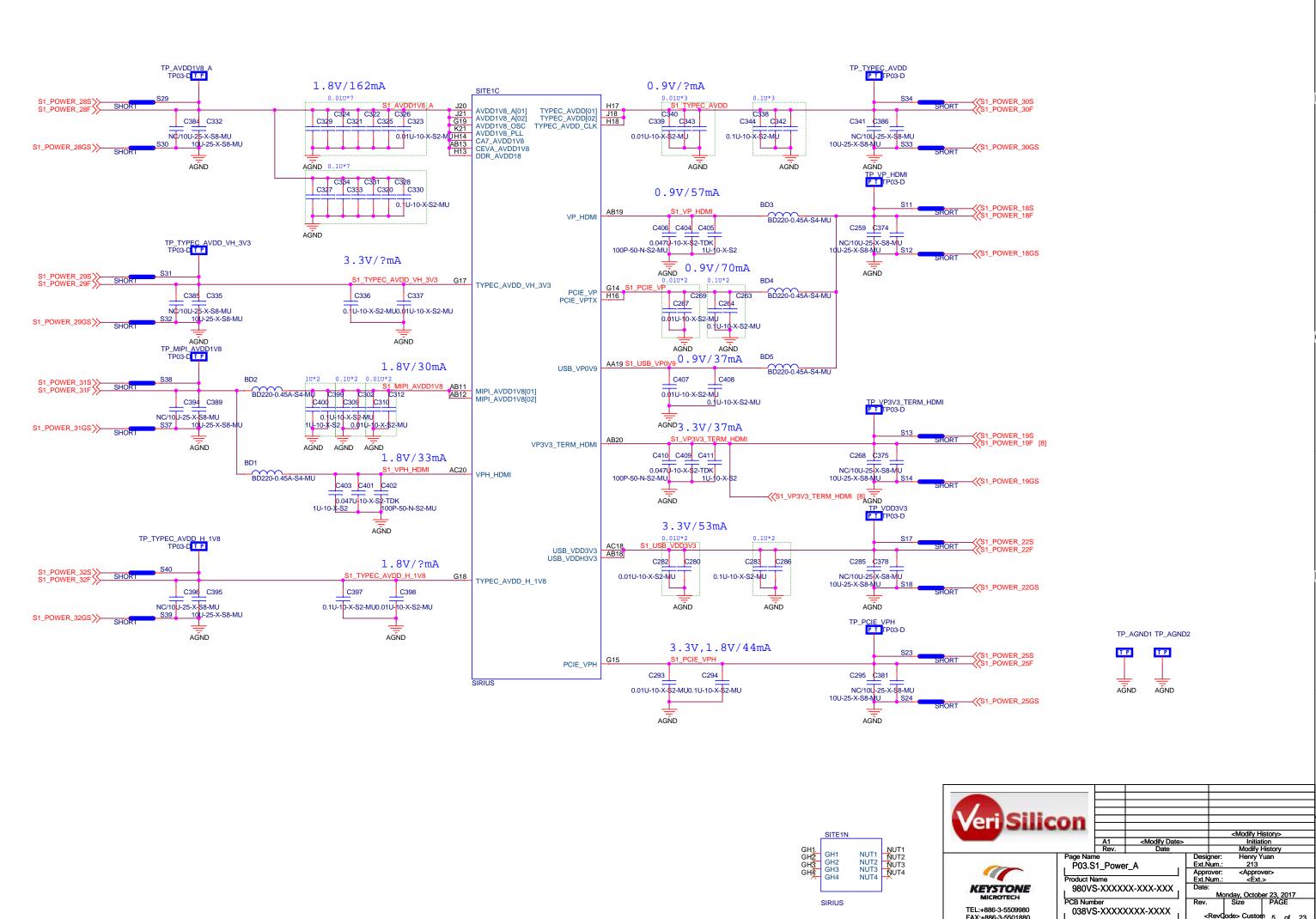








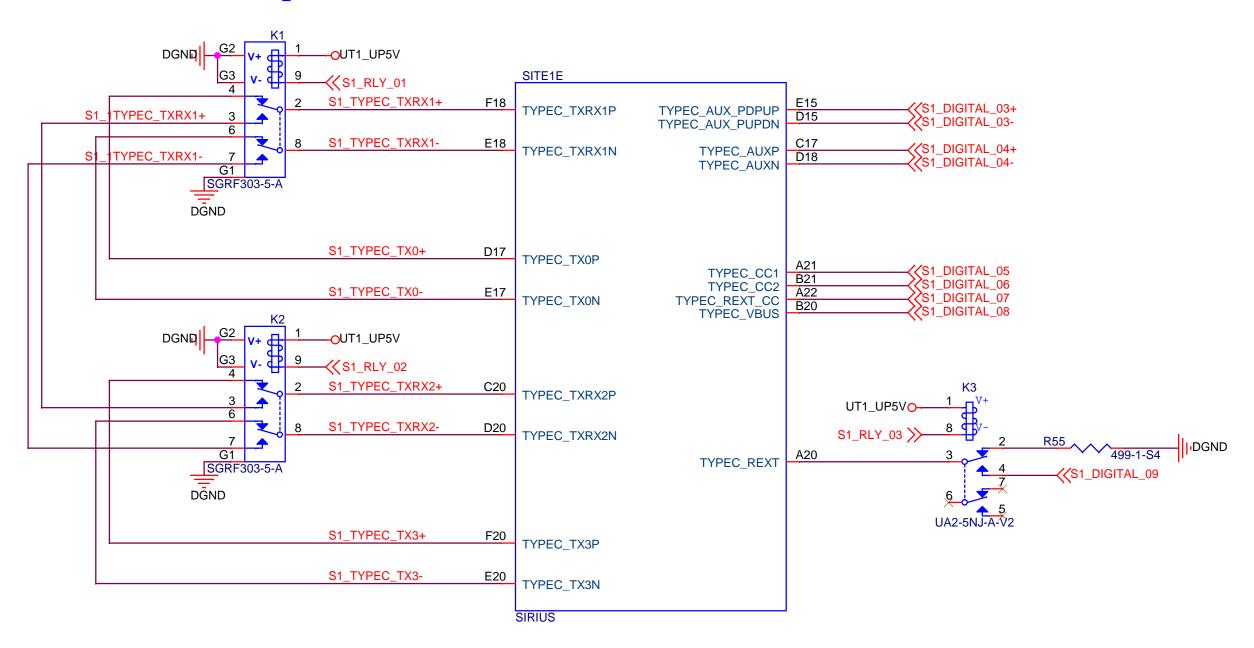


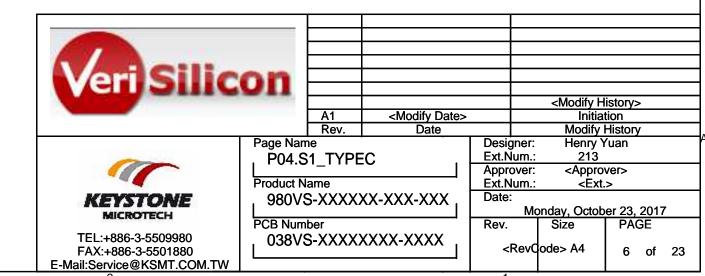


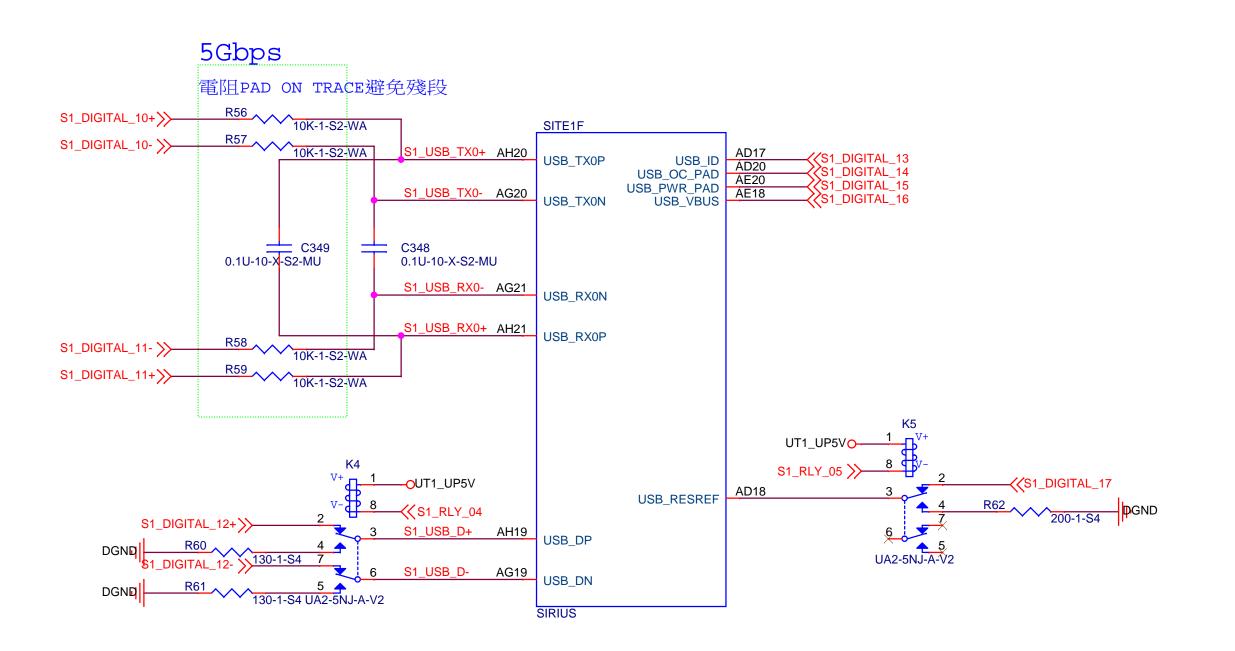
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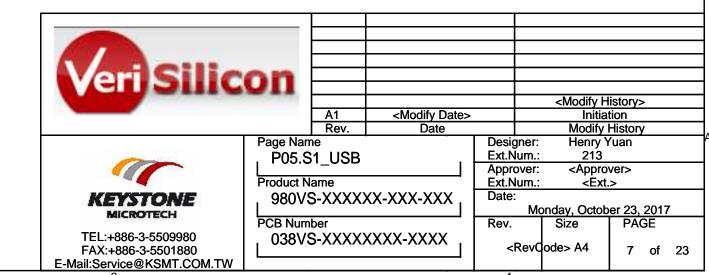
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## 5Gbps

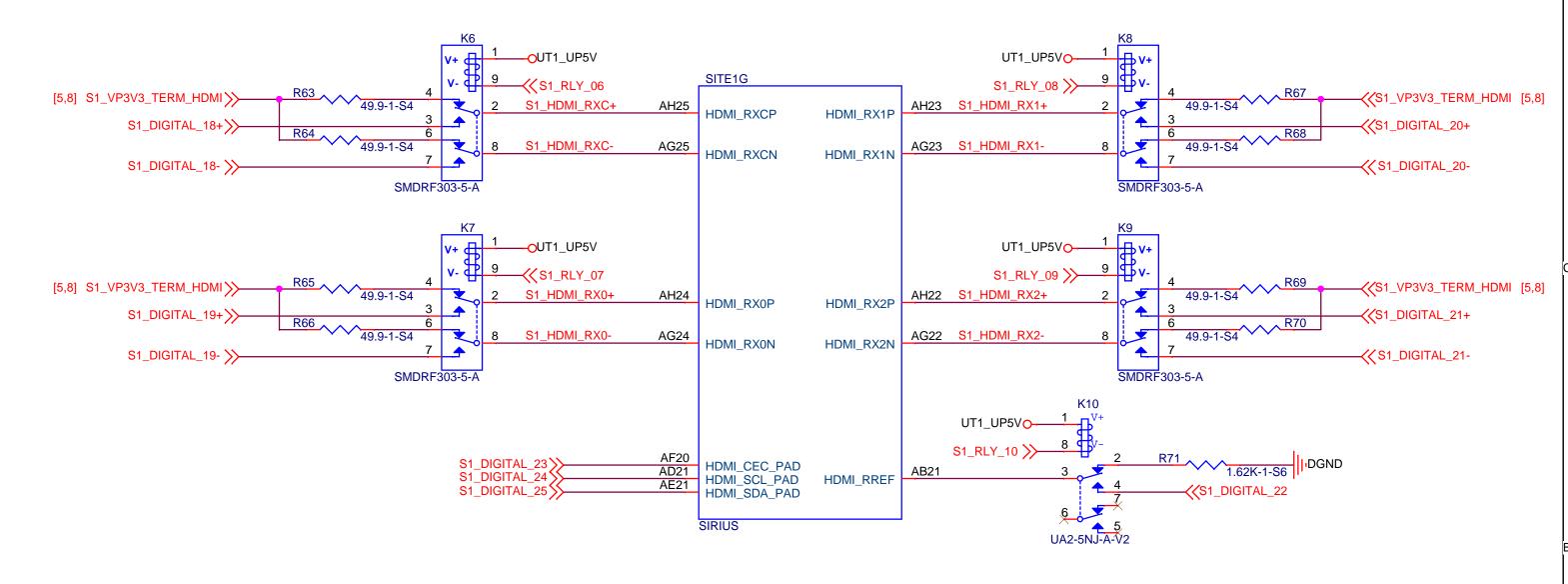


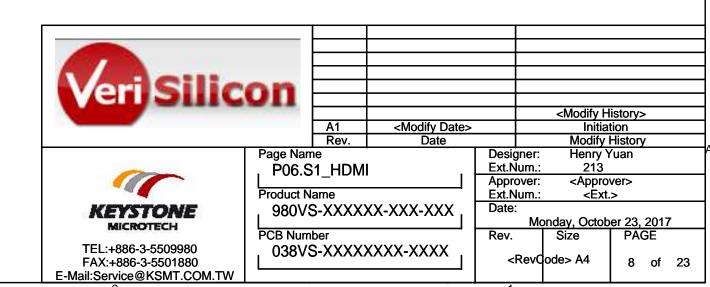


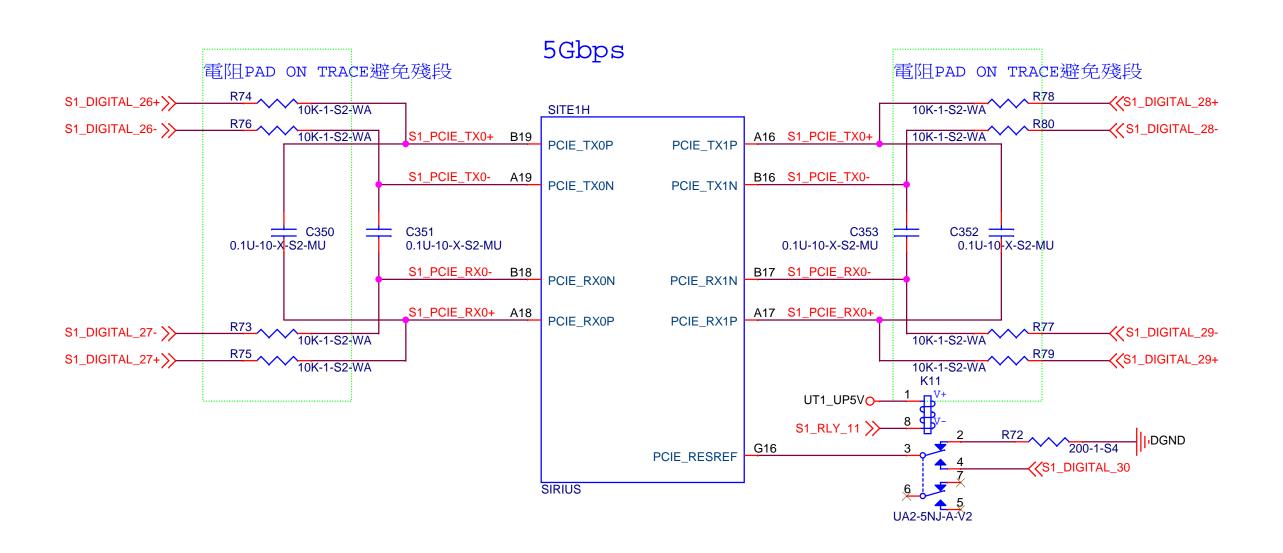


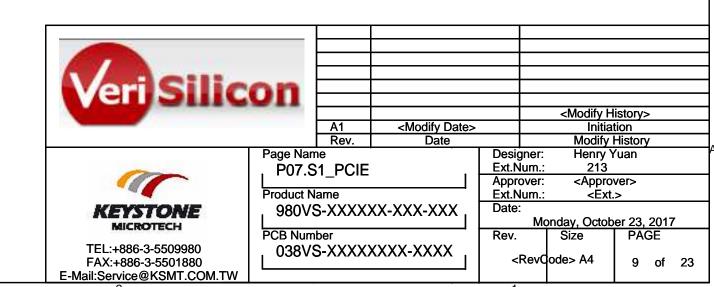


## 3.4Gbps





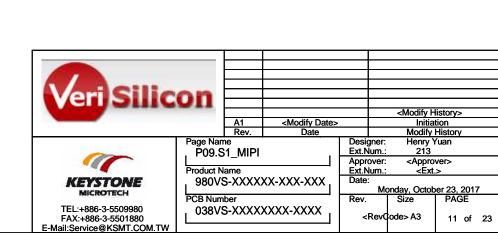


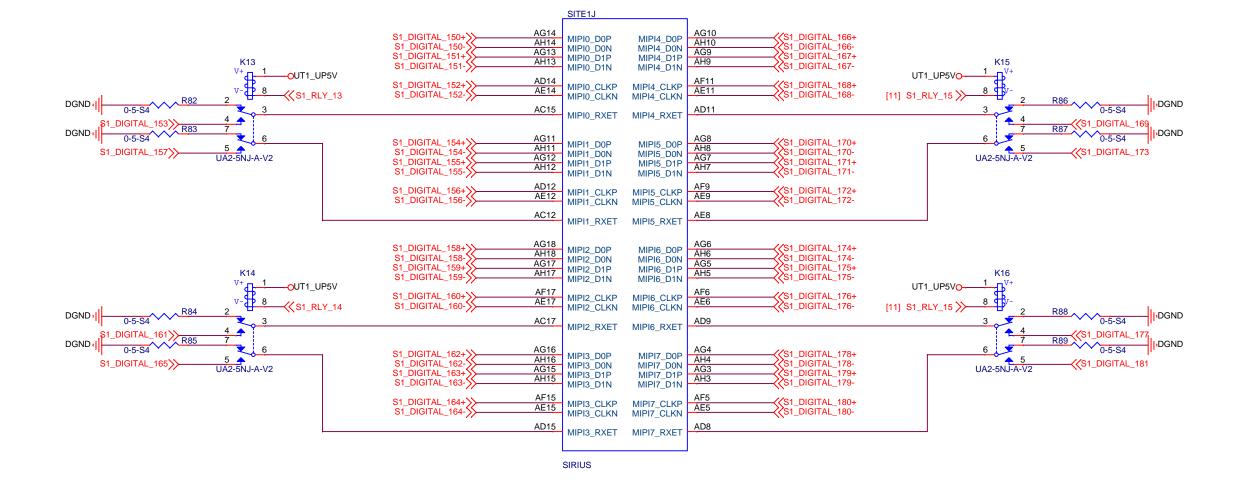


S1 DIGITAL 31 **US1 DIGITAL 97** DDR\_DQ0 DDR\_DQ32 S1\_DIGITAL\_32 S1\_DIGITAL\_98 DDR\_DQ33 DDR\_DQ34 DDR DQ1 \_DIGITAL\_99 \_DIGITAL\_100 S1\_DIGITAL\_33 S1\_DIGITAL\_34 DDR\_DQ2 DDR DQ3 DDR DQ35 AA3 U4 \_DIGITAL\_100 \_DIGITAL\_101 \_DIGITAL\_102 S1\_DIGITAL\_3 S1\_DIGITAL\_3 DDR\_DQ36 DDR DQ4 DDR\_DQ5 DDR\_DQ37 S1\_DIGITAL\_102 S1\_DIGITAL\_103 S1\_DIGITAL\_104 S1\_DIGITAL\_3 DDR DQ6 DDR DQ38 S1\_DIGITAL\_38 DDR\_DQ39 R4 S1\_DIGITAL\_105 S1\_DIGITAL\_106+ S1\_DIGITAL\_106-S1\_DIGITAL\_39 S1\_DIGITAL\_40 DDR\_DM0 DDR\_DM4 Y3 DDR\_DQS0 DDR\_DQS0N DDR\_DQS4 DDR DQS4N AE2 AE1 AD1 AB2 AB1 DDR\_DQ10 DDR\_DQ11 S1\_DIGITAL\_41 ⟨S1\_DIGITAL\_107 DDR\_DQ40 S1\_DIGITAL\_42 S1\_DIGITAL\_43 S1\_DIGITAL\_107 S1\_DIGITAL\_108 S1\_DIGITAL\_109 S1\_DIGITAL\_110 DDR DQ41 DDR\_DQ42 S1\_DIGITAL\_44 DDR DQ43 S1\_DIGITAL\_45 S1\_DIGITAL\_46 \_DIGITAL\_111 \_DIGITAL\_112 DDR\_DQ44 DDR\_DQ12 AA1 Y2 DDR\_DQ45 DDR\_DQ46 DDR\_DQ13 S1\_DIGITAL\_113 S1\_DIGITAL\_114 S1\_DIGITAL\_47 S1\_DIGITAL\_48 DDR DQ14 W2 DDR\_DQ15 DDR\_DQ47 AC2 DDR\_DM1 DDR\_DQS1 S1\_DIGITAL\_49 S1\_DIGITAL\_50 S1\_DIGITAL\_115 S1\_DIGITAL\_116+ S1\_DIGITAL\_116-DDR\_DM5 DDR\_DQS5 DDR\_DQS5N S1\_DIGITAL\_50 DDR\_DQS1N V1 U2 DDR\_DQ16 DDR\_DQ17 DDR\_DQ18 DDR\_DQ19 DDR\_DQ20 DDR\_DQ21 S1\_DIGITAL\_51 S1\_DIGITAL\_52 S1\_DIGITAL\_53 S1\_DIGITAL\_54 \$1\_DIGITAL\_117 \$1\_DIGITAL\_118 \$1\_DIGITAL\_119 \$1\_DIGITAL\_120 DDR DQ48 DDR\_DQ49 DDR DQ50 S1\_DIGITAL\_55 S1\_DIGITAL\_121 DDR DQ52 P2 DDR\_DQ21 S1\_DIGITAL\_56 S1\_DIGITAL\_57 S1\_DIGITAL\_122 S1\_DIGITAL\_123 DDR\_DQ53 N1 DDR\_DQ22 DDR\_DQ23 DDR\_DQ54 DDR\_DQ55 S1\_DIGITAL\_58 S1\_DIGITAL\_124 N2 T2 DDR\_DM2 DDR\_DQS2 DDR\_DQS2N B14 B11 S1\_DIGITAL\_125 S1\_DIGITAL\_126+ S1\_DIGITAL\_126-S1\_DIGITAL\_59 DDR\_DM6 S1\_DIGITAL\_60+ DDR\_DQS6 DDR\_DQS6N S1\_DIGITAL\_127 S1\_DIGITAL\_128 S1\_DIGITAL\_129 S1\_DIGITAL\_61> DDR DQ24 DDR\_DQ56 DDR\_DQ57 R3 S1\_DIGITAL\_62 S1\_DIGITAL\_63 DDR\_DQ25 DDR DQ26 DDR\_DQ58 DDR\_DQ59 S1\_DIGITAL\_130 S1\_DIGITAL\_131 S1\_DIGITAL\_132 S1\_DIGITAL\_133 S1\_DIGITAL\_64 S1\_DIGITAL\_65 M3 DDR\_DQ27 DDR\_DQ28 DDR DQ27 DDR\_DQ60 S1\_DIGITAL\_66 DDR DQ29 DDR DQ61 L3 L4 S1 DIGITAL 67 DDR\_DQ30 DDR\_DQ62 S1\_DIGITAL\_134 S1\_DIGITAL\_68 DDR\_DQ31 DDR DQ63 L5 DDR\_DM3 S1\_DIGITAL\_69>> **S1\_DIGITAL\_135** DDR DM7 S1\_DIGITAL\_136+ S1\_DIGITAL\_136-S1\_DIGITAL\_70 DDR DQS7 DDR DQS3 P3 DDR\_DQS3N DDR\_DQS7N S1\_DIGITAL\_137 S1\_DIGITAL\_138 S1\_DIGITAL\_139 S1\_DIGITAL\_71 M1 L2 DDR\_A0 DDR\_A1 DDR\_A2 DDR\_BG0 DDR\_BG1 F3 D5 S1\_DIGITAL\_72 S1\_DIGITAL\_73 DDR DTO0 K1 DDR\_A2 L1 DDR\_A3 K2 DDR\_A4 H2 DDR\_A5 DDR\_A6 S1\_DIGITAL\_74 S1\_DIGITAL\_75 \_DIGITAL\_140 \_DIGITAL\_141 DDR\_DTO1 DDR\_ODT0 S1\_DIGITAL\_7 S1\_DIGITAL\_7 \_DIGITAL\_141 \_DIGITAL\_142 \_DIGITAL\_143+ DDR ODT1 DDR CKN DDR A7 \_DIGITAL\_144 \_DIGITAL\_145 S1\_DIGITAL\_79 S1\_DIGITAL\_80 S1\_DIGITAL\_8 1\_DIGITAL\_146 1\_DIGITAL\_147 E1 DDR\_A11 F2 DDR\_A12 DDR\_ALERTN DDR\_ATO S1\_DIGITAL\_148 S1\_DIGITAL\_8 E2 DDR\_A12 D1 DDR\_A13 D2 DDR\_A14 C2 DDR\_A15 DDR\_A16 DDR\_A17 S1 DIGITAL 84 S1 DIGITAL 86 S1\_DIGITAL\_88 S1\_DIGITAL\_89 S1\_DIGITAL\_90 DDR BA0 DDR\_BA1 DDR\_CSN0 S1\_DIGITAL\_91 K12 D3 DDR\_CSN1 S1 DIGITAL 92 1 V+ 8 V-UT1\_UP5VO-DDR CKEO S1\_DIGITAL\_94 DDR\_CKE1 S1\_RLY\_12 >> R81 / 240-1-S4 | IDGND S1\_DIGITAL\_95 S1\_DIGITAL\_96 DDR\_VREFO\_0 M7 L6 DDR\_VREFO\_1 DDR\_ZQ 4 4 -**⟨**S1\_DIGITAL\_149 6 SIRIUS UA2-5NJ-A-V2

SITE1I

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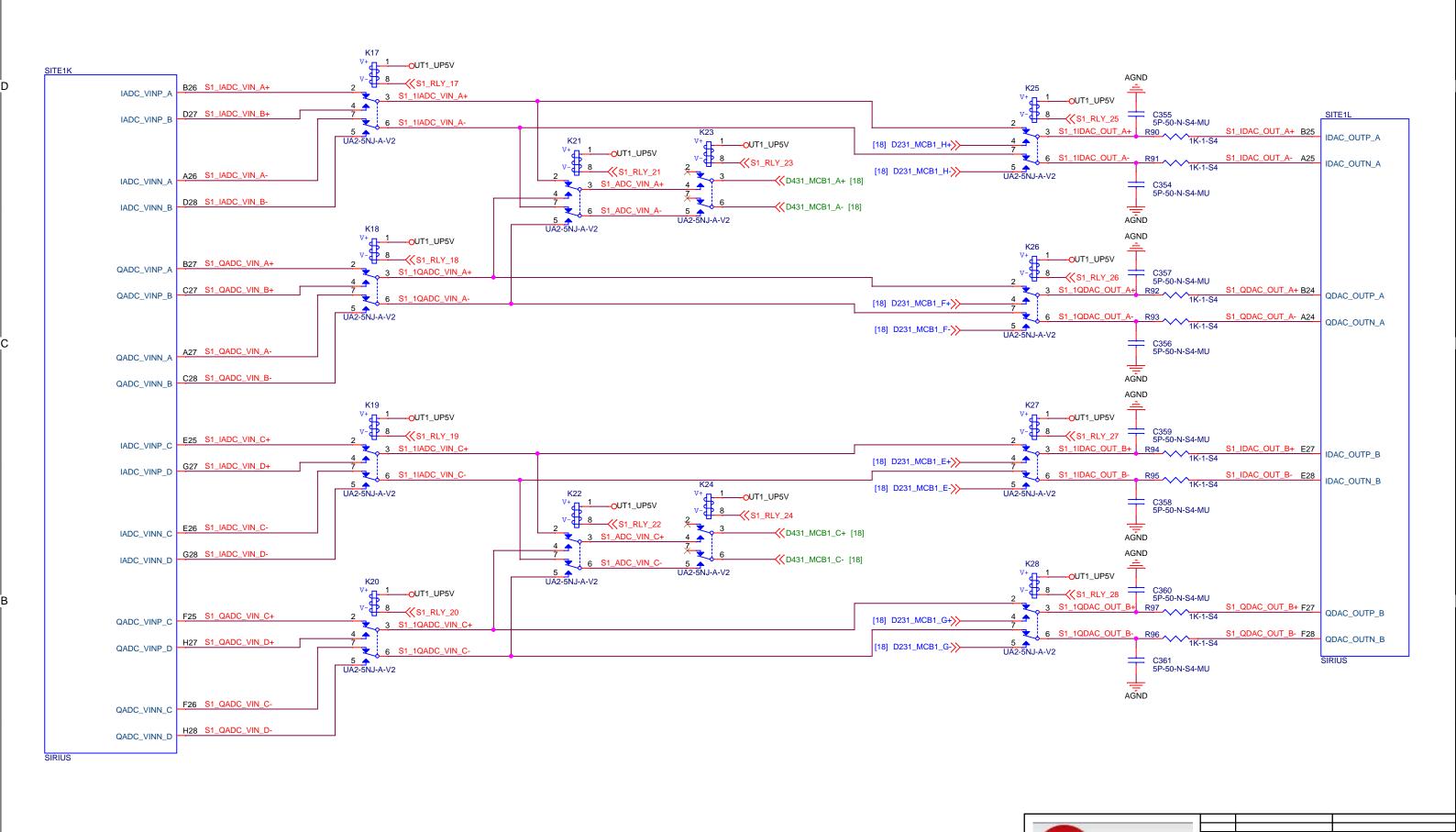




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Monday, October 23, 2017 Size PAGE

12 of 23

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Approver: Ext.Num.:

<RevCode> A3

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Rev. Date

Page Name P10.S1\_ANALOG

980VS-XXXXXXX-XXX-XXX

Product Name

PCB Number

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SITE1M H22 AD25 S1\_DIGITAL\_182 S1\_DIGITAL\_263 PWM0 PAD DE0 PAD J22 AD28 \_DIGITAL\_183 S1\_DIGITAL\_264 PWM1 PAD DF1 PAD J27 \_DIGITAL\_184 DIGITAL\_265 PWM2 PAD EMMC CCMD PAD M22 DIGITAL 185 DIGITAL\_266 PWM3 PAD EMMC CLKOUT PAD N22 S1 DIGITAL 186 DIGITAL 267 PWM4 PAD EMMC\_D0\_PAD T22 H26 S1\_DIGITAL\_187 DIGITAL\_268 PWM5 PAD EMMC\_D1\_PAD U22 J25 S1\_DIGITAL\_188 DIGITAL\_269 PWM6 PAD EMMC\_D2\_PAD EMMC\_D2\_PAD J26 EMMC\_D3\_PAD K27 V22 PWM7\_PAD S1\_DIGITAL\_189 1\_DIGITAL\_270 S1\_DIGITAL\_190 DIGITAL\_271 EMMC\_D4\_PAD PWM8 PAD W22 PWM8\_PAD PWM9\_PAD EMMC\_D5\_PAD L28 S1\_DIGITAL\_191 DIGITAL\_272 S1\_DIGITAL\_19 AF25 QE0\_0\_PAD QE0\_1\_PAD QE0\_1\_PAD EMMC\_D6\_PAD L27 DIGITAL\_273 S1\_DIGITAL\_19 DIGITAL\_274 EMMC\_D7\_PAD K22 AD23 QE0\_2\_PAD QE0\_3\_PAD QE0\_4\_PAD QE0\_5\_PAD QE0\_6\_PAD QE0\_6\_PAD S1\_DIGITAL\_19 DIGITAL\_275 EMMC\_PWR\_PAD S1 DIGITAL 195 DIGITAL 276 GBE\_CLK\_PAD H23 S1 DIGITAL 196 DIGITAL 277 GBE\_INT\_PAD S1\_DIGITAL\_197 GBE\_MDC\_PAD M25 DIGITAL\_278 AF23 QE0\_5\_PAD QE0\_6\_PAD QE0\_7\_PAD QE0\_7\_PAD QE1\_0\_PAD QE1\_2\_PAD QE1\_3\_PAD QE1\_3\_PAD QE1\_5\_PAD QE1\_5\_PAD QE1\_7\_PAD QE1\_7\_PAD QE1\_7\_PAD QE1\_7\_PAD QE1\_7\_PAD RSSI\_1 DIGITAL 279 S1 DIGITAL 198 GBE\_MDIO\_PAD GBE\_RST\_PAD P28 S1 DIGITAL 199 DIGITAL 280 S1 DIGITAL 200 GBE\_RXC\_PAD R28 DIGITAL 281 S1 DIGITAL 201 DIGITAL 282 GBE\_RXD0\_PAD S1 DIGITAL 20 DIGITAL 283 GBE\_RXD1\_PAD Ť28 S1 DIGITAL 203 DIGITAL 284 GBE\_RXD2\_PAD GBE\_RXD3\_PAD P27 S1 DIGITAL\_204 DIGITAL 285 DIGITAL\_286 DIGITAL 205 GBE\_RXEN\_PAD GBE\_TXC\_PAD M28 S1\_DIGITAL\_206 DIGITAL 287 GBE\_TXD0\_PAD M27 DIGITAL\_207 DIGITAL\_288 GBE\_TXD1\_PAD N27 S1\_DIGITAL\_208 DIGITAL 289 C23 RSSI\_1 RSSI\_2 DIGITAL\_290 S1 DIGITAL 209 GBE TXD2 PAD N28 GBE\_TXD3\_PAD M26 S1\_DIGITAL\_210 RSTN PAD \_DIGITAL\_291 V28 \_DIGITAL\_211 \_DIGITAL\_292 SD\_CARD\_DETECT\_N\_PAD GBE\_TXEN\_PAD AD6 GP0\_PAD AG2 S1\_DIGITAL\_21 \_DIGITAL\_293 SD CARD WPRT PAD \_DIGITAL\_21 \_DIGITAL\_294 SD CCLK OUT PAD GP1 PAD U27 ÁD7 GP2\_PAD AH2 S1\_DIGITAL\_214 SD CCMD PAD \_DIGITAL\_295 W28 S1\_DIGITAL\_215 W27 SD\_CDATA\_0\_PAD \_DIGITAL\_296 GP3 PAD ÁF2 GP4\_PAD AF1 S1\_DIGITAL\_216 SD\_CDATA\_1\_PAD \_DIGITAL\_297 Y28 DIGITAL\_217 SD\_CDATA\_2\_PAD DIGITAL\_298 GP5 PAD Y27 SD\_CDATA\_3\_PAD GP5\_PAD AG1 GP6\_PAD AF3 S1\_DIGITAL\_218 DIGITAL 299 DIGITAL\_219 DIGITAL\_300 GP7 PAD SPI\_M0\_CSN\_PAD R25 HSYNCO\_PAD AE28 AE26 S1\_DIGITAL\_220 \_DIGITAL\_301 SPI\_M0\_DI\_PAD R26 SPI\_M0\_D0\_PAD S1\_DIGITAL\_221 DIGITAL\_302 HSYNC1\_PAD AD3 DIGITAL 222 I2C\_SCLK0\_PAD DIGITAL\_303 SPI\_M0\_SCLK\_PAD M24 ÁC4 S1\_DIGITAL\_22 DIGITAL\_304 SPI\_M1\_CSN\_PAD I2C\_SCLK1\_PAD L24 AC3 S1\_DIGITAL\_224 I2C\_SCLK2\_PAD H24 DIGITAL\_305 SPI\_M1\_DI\_PAD S1\_DIGITAL\_22 I2C\_SCLK3\_PAD F22 DIGITAL\_306 SPI M1 DO PAD M23 I2C\_SCLK4\_PAD AE3 DIGITAL\_226 DIGITAL\_307 SPI\_M1\_SCLK\_PAD S1\_DIGITAL\_227 I2C\_SDA0\_PAD AD4 DIGITAL 308 SPI\_M2\_CS0N\_PAD P24 S1\_DIGITAL\_228 I2C\_SDA1\_PAD AC5 DIGITAL\_309 SPI\_M2\_DI\_PAD R24 S1\_DIGITAL\_229 I2C\_SDA2\_PAD F24 DIGITAL\_310 SPI\_M2\_DO\_PAD R23 SPI\_M2\_SCLK\_PAD SPI\_M2\_SCLK\_PAD S1\_DIGITAL\_230 I2C\_SDA3\_PAD G24 DIGITAL\_311 I2C\_SDA4\_PAD AA28 S1 DIGITAL 23 DIGITAL 312 SPI\_MS3\_CS0N\_PAD V24 I2S\_CLK0\_PAD AC26 S1\_DIGITAL\_232 DIGITAL\_313 SPI\_MS3\_CS1N\_PAD S1\_DIGITAL\_23 I2S\_CLK1\_PAD AA22 DIGITAL\_314 SPI\_MS3\_CS2N\_PAD DIGITAL 234 I2S\_CLK2\_PAD AC25 DIGITAL 315 SPI\_MS3\_CS3N\_PAD S1 DIGITAL 23 DIGITAL 316 U24 SPI\_MS3\_DI\_PAD SPI\_MS3\_CS4N\_PAD I2S\_CLK3\_PAD ÅA26 S1 DIGITAL 236 DIGITAL 317 I2S\_SDI0\_PAD 12S\_SDI1\_PAD AA23 DIGITAL 318 S1 DIGITAL 23 SPI\_MS3\_DO\_PAD U26 SPI\_MS3\_SCLK\_PAD I2S\_SDI2\_PAD AB24 S1 DIGITAL 238 DIGITAL 319 AC7
AA7

AA7

AA7

AA7 I2S\_SDI3\_PAD AB28 S1 DIGITAL\_239 DIGITAL 320 S1 DIGITAL\_240 DIGITAL\_321 I2S\_SDO0\_PAD ÅB27 AB5 UART\_RX1\_PAD UART\_RX2\_PAD 12S\_SD01\_PAD AA24 S1 DIGITAL 241 DIGITAL 322 S1 DIGITAL 242 I2S\_SDO2\_PAD AC24 DIGITAL\_323 S1\_DIGITAL\_243 DIGITAL\_324 UART\_RX3\_PAD DIGITAL\_325 I2S\_WS0\_PAD AA25 DIGITAL\_244 UART\_SIN4\_PAD R22 I2S\_WS1\_PAD Y24 \_DIGITAL\_326 S1 DIGITAL 245 UART SOUT4 PAD Y6 AA6 UART\_TX0\_PAD I2S\_WS2\_PAD AB23 DIGITAL\_327 DIGITAL\_246 12S\_WS3\_PAD AD23 S1\_DIGITAL\_247 \_DIGITAL\_328 UART\_TX1\_PAD AB6 W7 UART\_TX1\_PAD UART\_TX2\_PAD PCLK0\_PAD AC28 DIGITAL 248 DIGITAL 329 W7
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AC27
A23
B23
B23
E22
AD\_IN\_2
AD\_IN\_2
AF26
UART\_TX3\_PAD
VSYNC0\_PAD
VSYNC1\_PAD
XTAL1
XTAL2
AD\_IN\_2
AD\_IN\_2
AD\_IN\_2 PCLK1\_PAD C25 S1\_DIGITAL\_249 \_DIGITAL\_330 DIGITAL 250 DIGITAL 331 PDET\_A\_2G C24 S1\_DIGITAL\_251 PDET\_A\_5G D24 PDET\_B\_2G D23 I\_DIGITAL\_332 \_DIGITAL\_252 \_DIGITAL\_333 D23 S1\_DIGITAL\_253 S1\_DIGITAL\_334 PDET\_B\_5G S1\_DIGITAL\_254 DIGITAL\_255 \_DIGITAL\_256 C26 AD\_IN\_2 F21 AD\_IN\_3 \_DIGITAL\_257 S1 DIGITAL 258 AD IN 4 D21 AD\_IN\_4 E21 AD\_IN\_5 \_DIGITAL\_259 S1\_DIGITAL\_260 AD IN 6 G21 S1\_DIGITAL\_261 AD IN 7 B22 S1 DIGITAL 262 CLKREF\_SEL\_PAD SIRIUS

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KEYSTONE MICROTECH	Product Name 980VS-XXXXXXX-XXX-XXX
TEL:+886-3-5509980	PCB Number 038VS-XXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXXX
FAX:+886-3-5501880	
E-Mail:Service@KSMT.COM.TW	

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