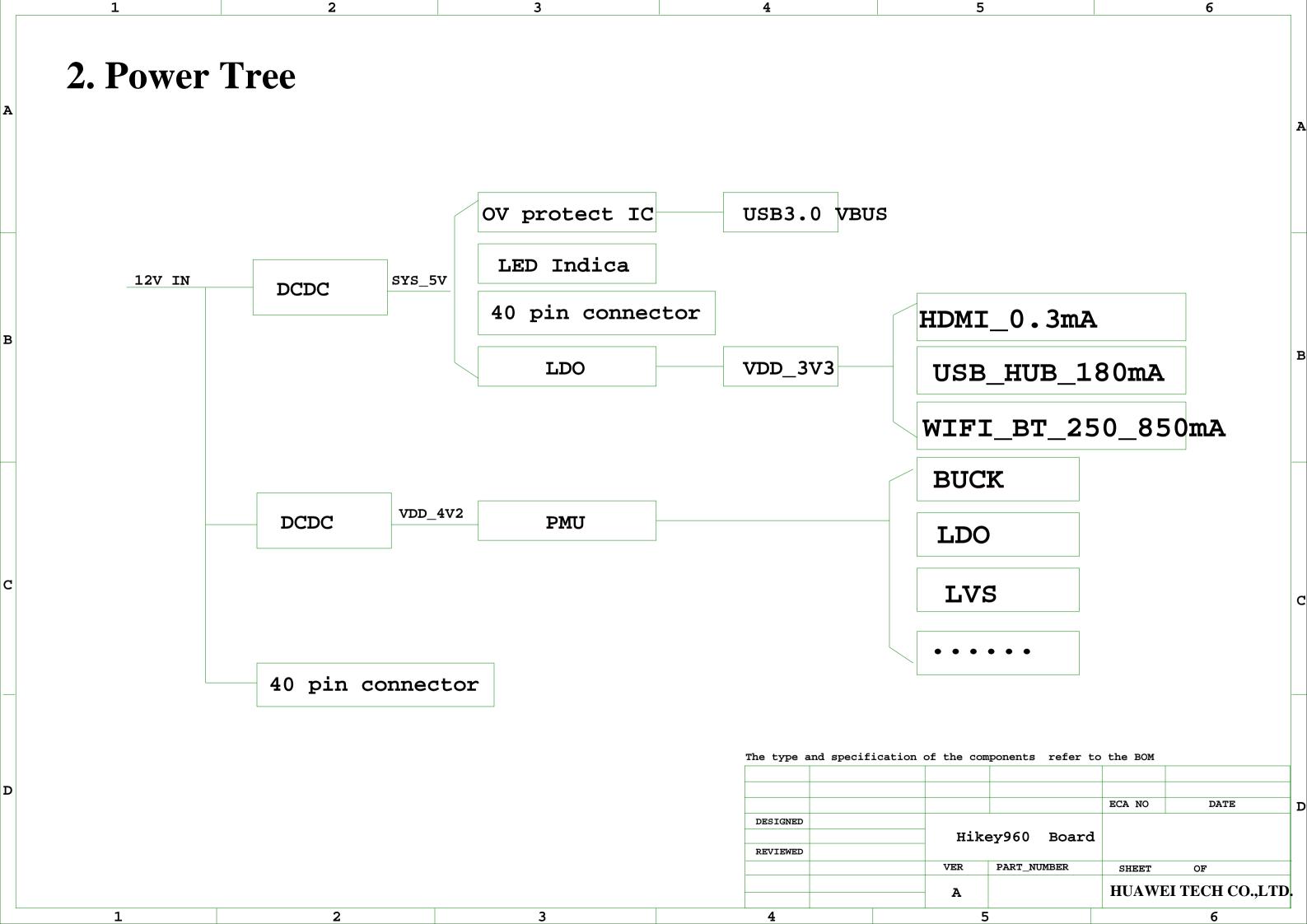
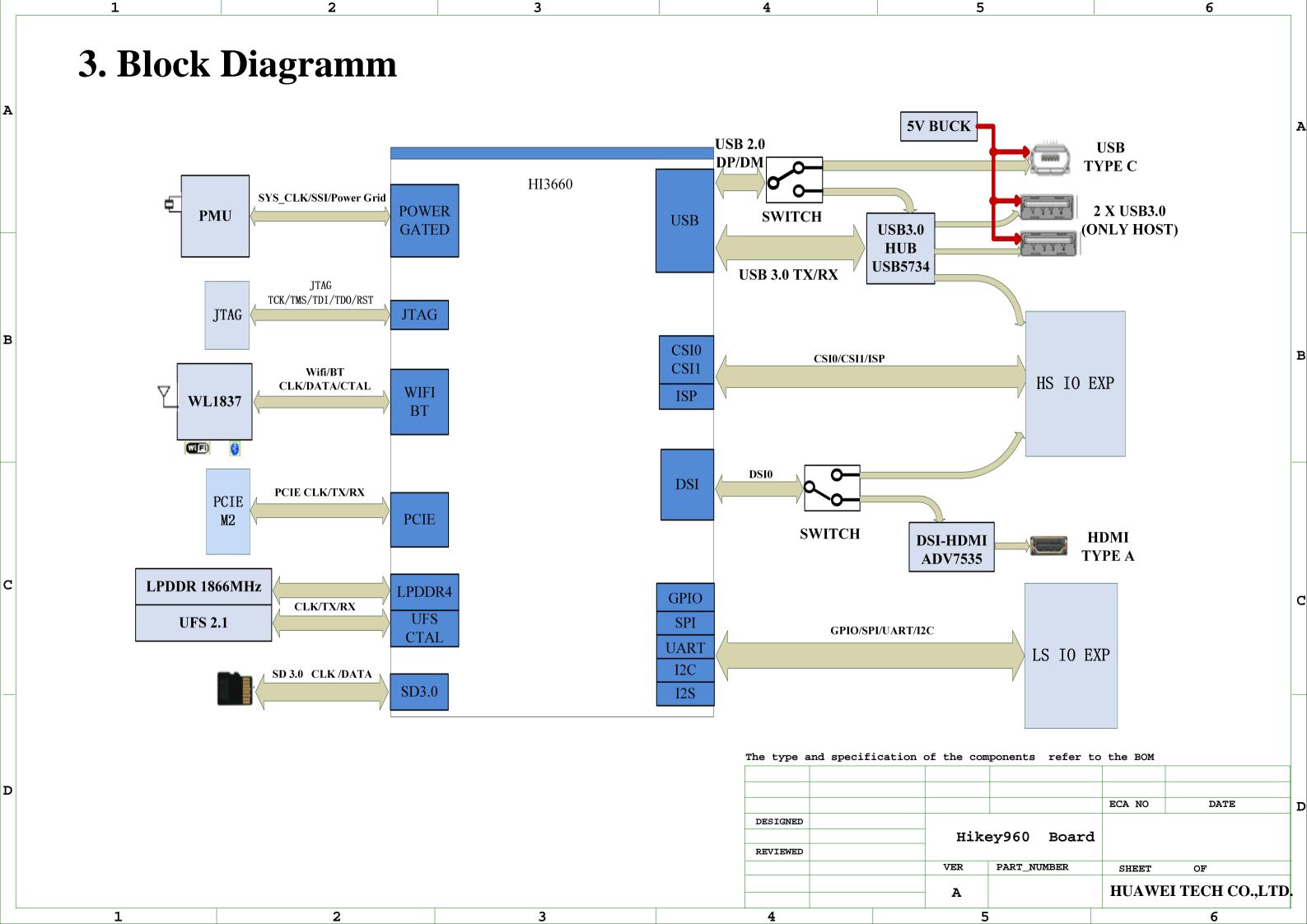
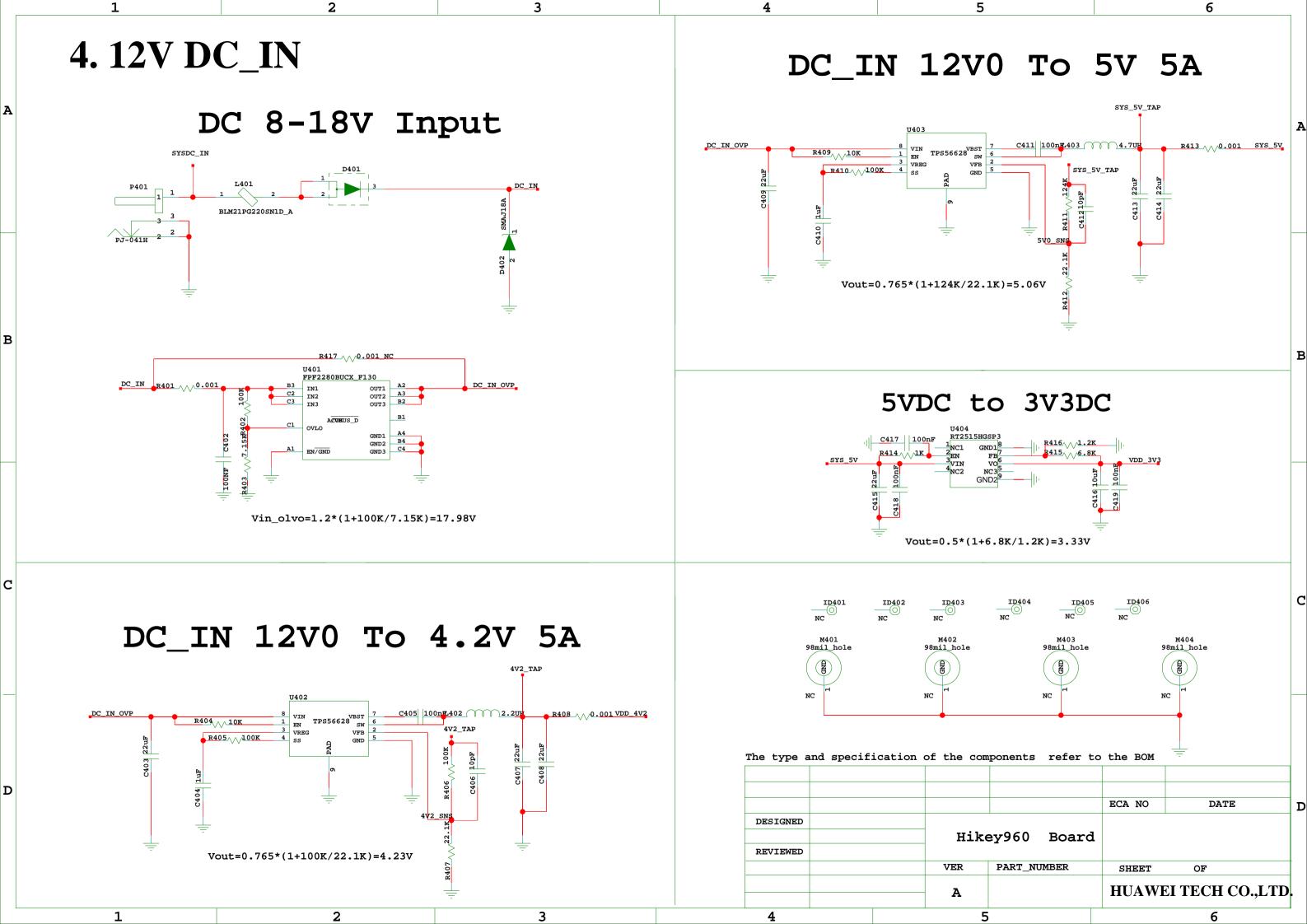
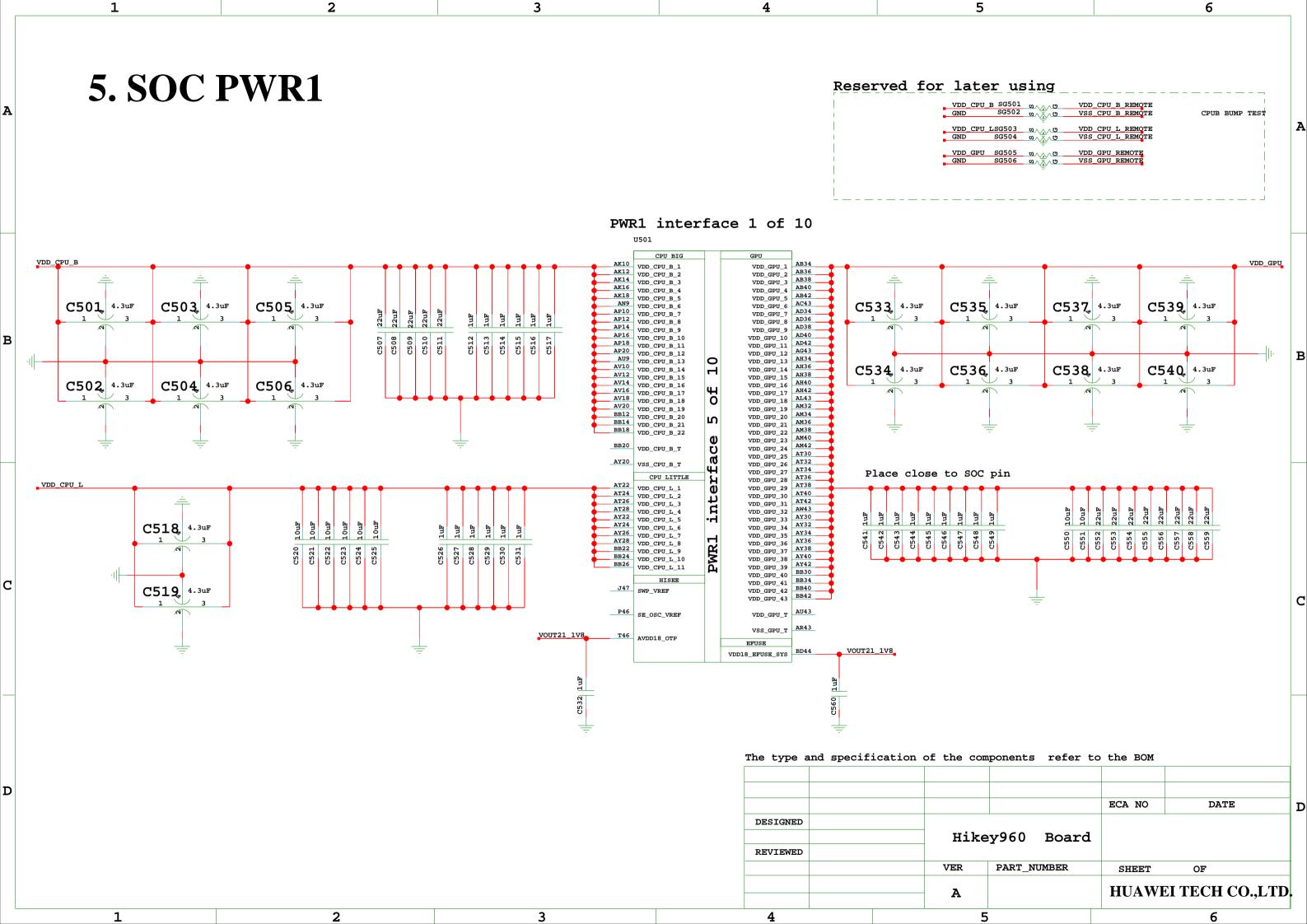
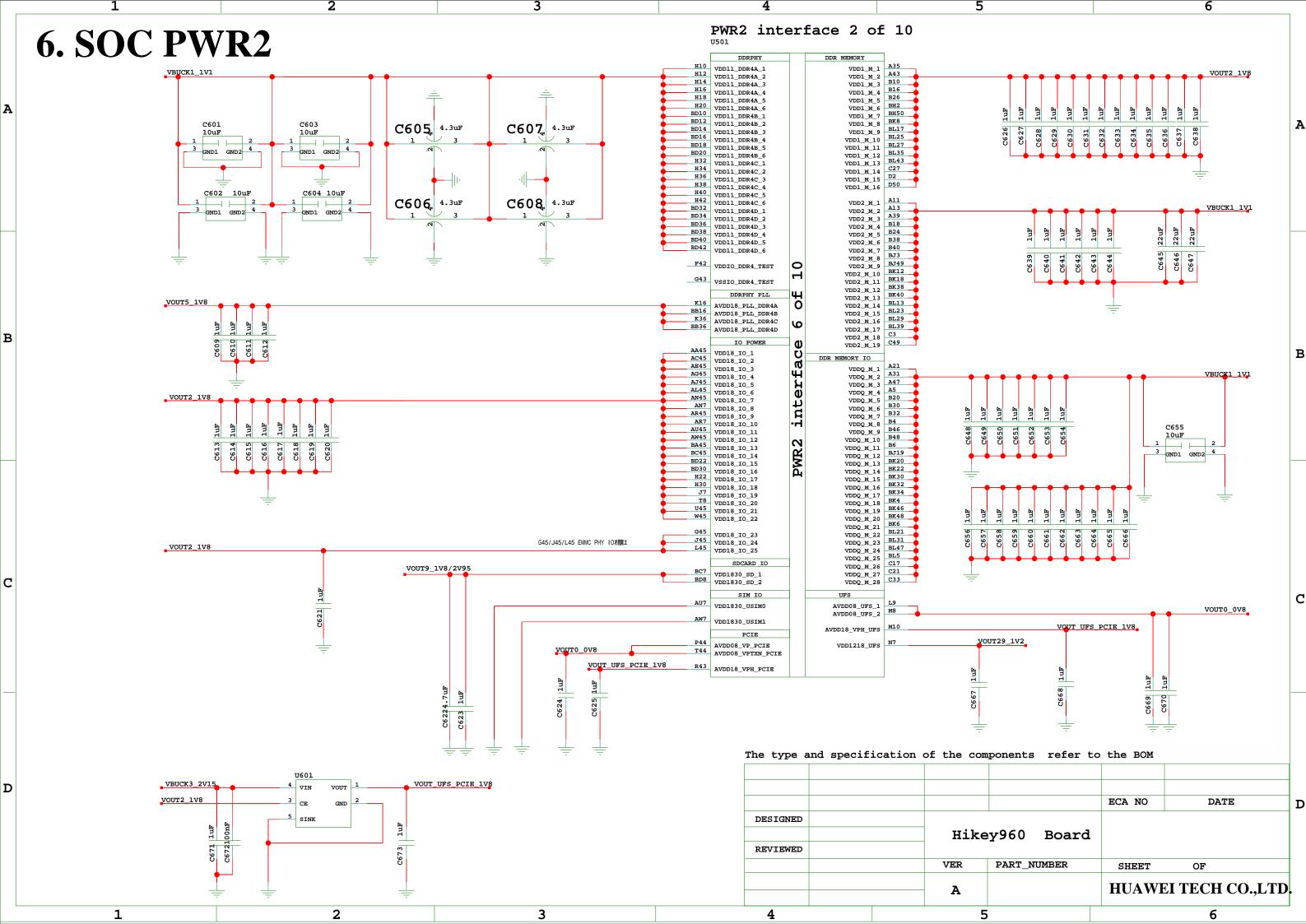
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	иi	KEY SCH					
	1	Catalog					
	2	Power Tree					
	3	Block Diagramm					
		12V DC_IN					
		SOC PWR1					
	6	SOC PWR2					_
	7	SOC PWR3					
	8	SOC HS					
	9	SOC GPIO					
		SOC RF					
		SOC GND					
		PMU-1					
		PMU-2					
		PMU-3					
		PMU-4					_
		UFS/LPDDR4					
		USB/Hub-1					
		USB/Hub-2					
		HDMI					
		IO_CONN					
		WIFI/BT					
		KEY					
		SD/JTAG					
		User LED					
I	25	PCIE M.2					-
				The tr	pe and specification of the	gompononta rofor t	o the POM
				The cy	rpe and specification of the	e components rerer t	O the Bon
							ECA NO DATE
				DESIG	ENED		ECA NO DATE
				REVI	SWED	Hikey960 Board	
					VE	PART_NUMBER	SHEET OF
					P		HUAWEI TECH CO.,LTD.
		1 2	3	4		5	6

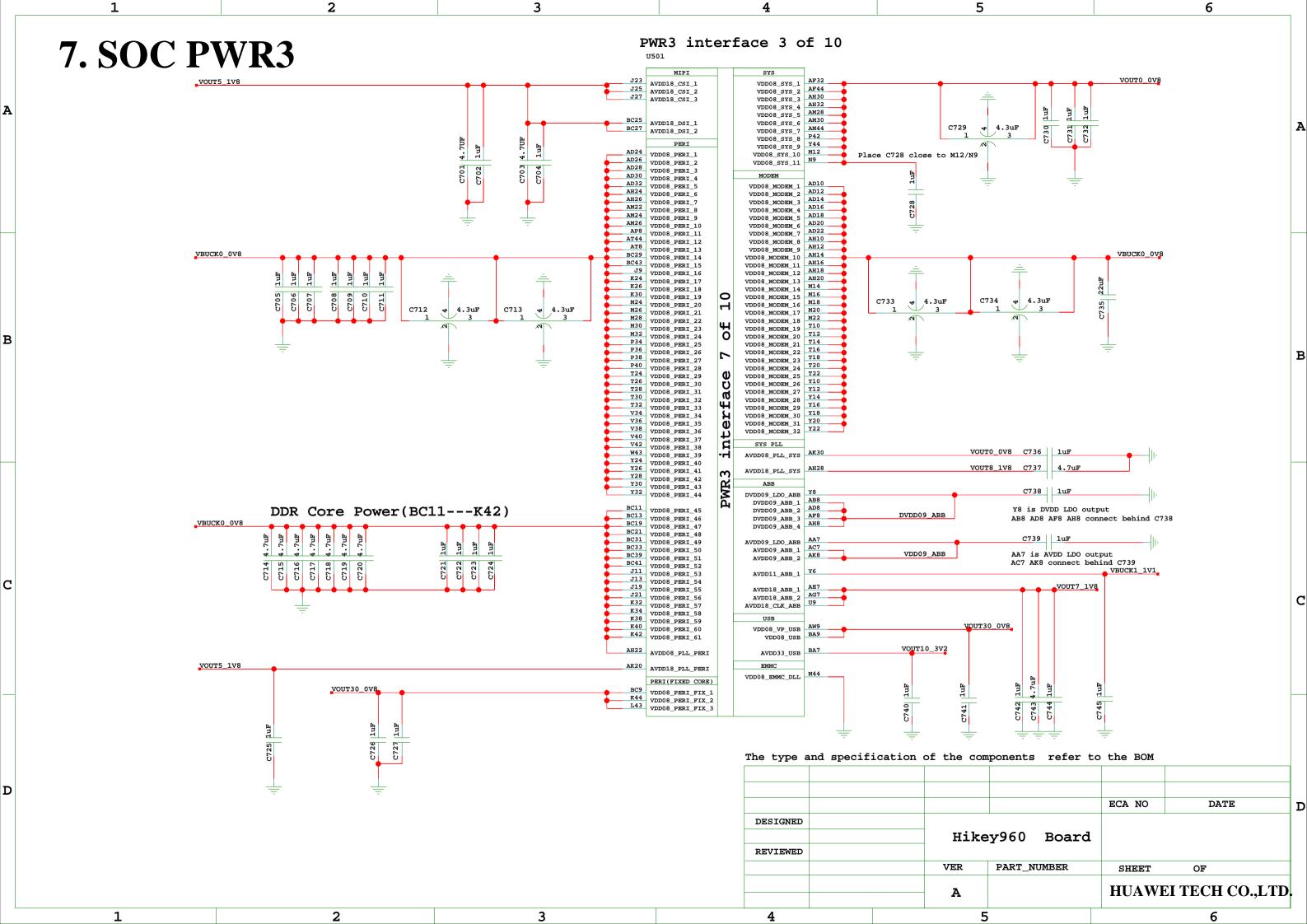


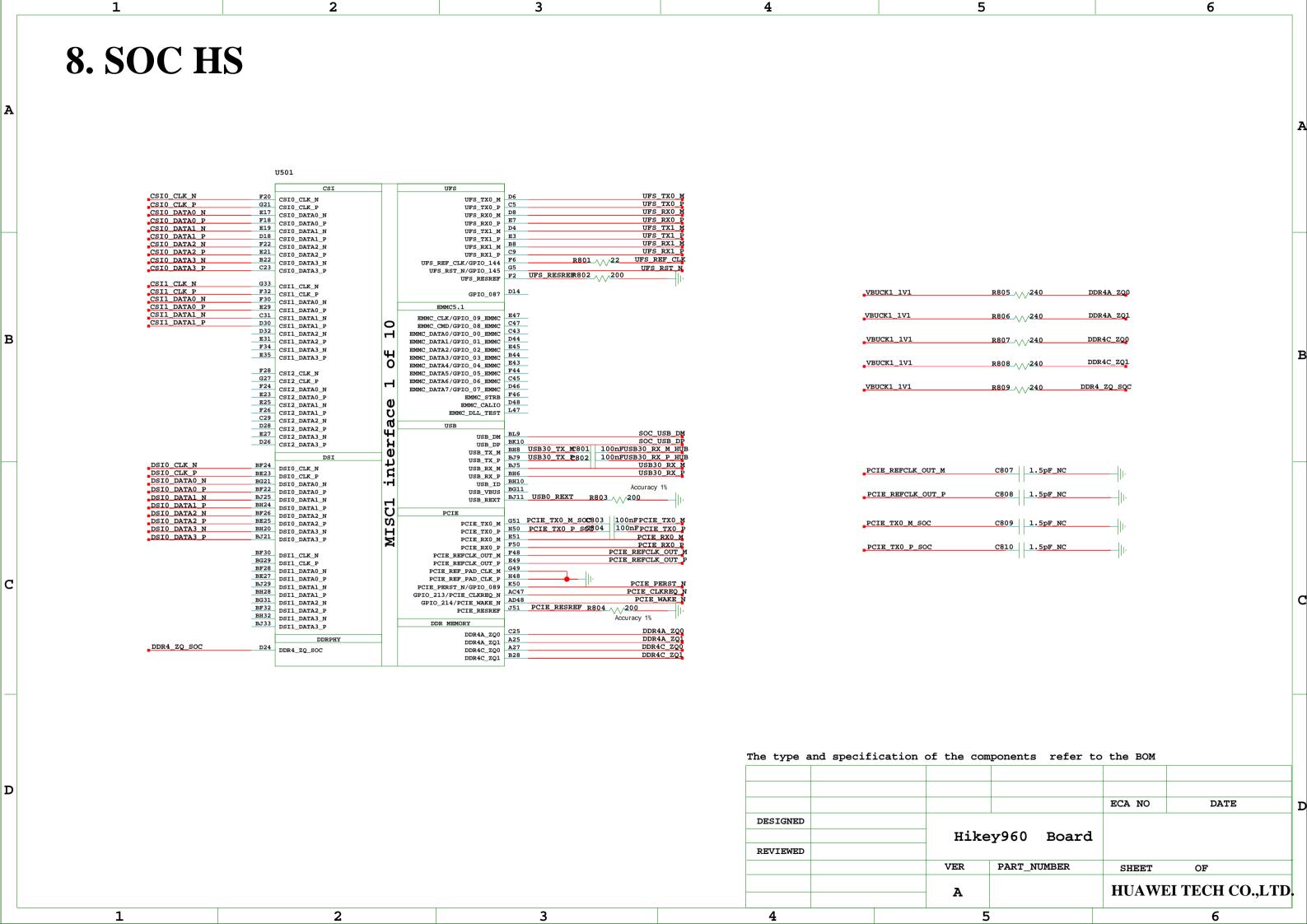


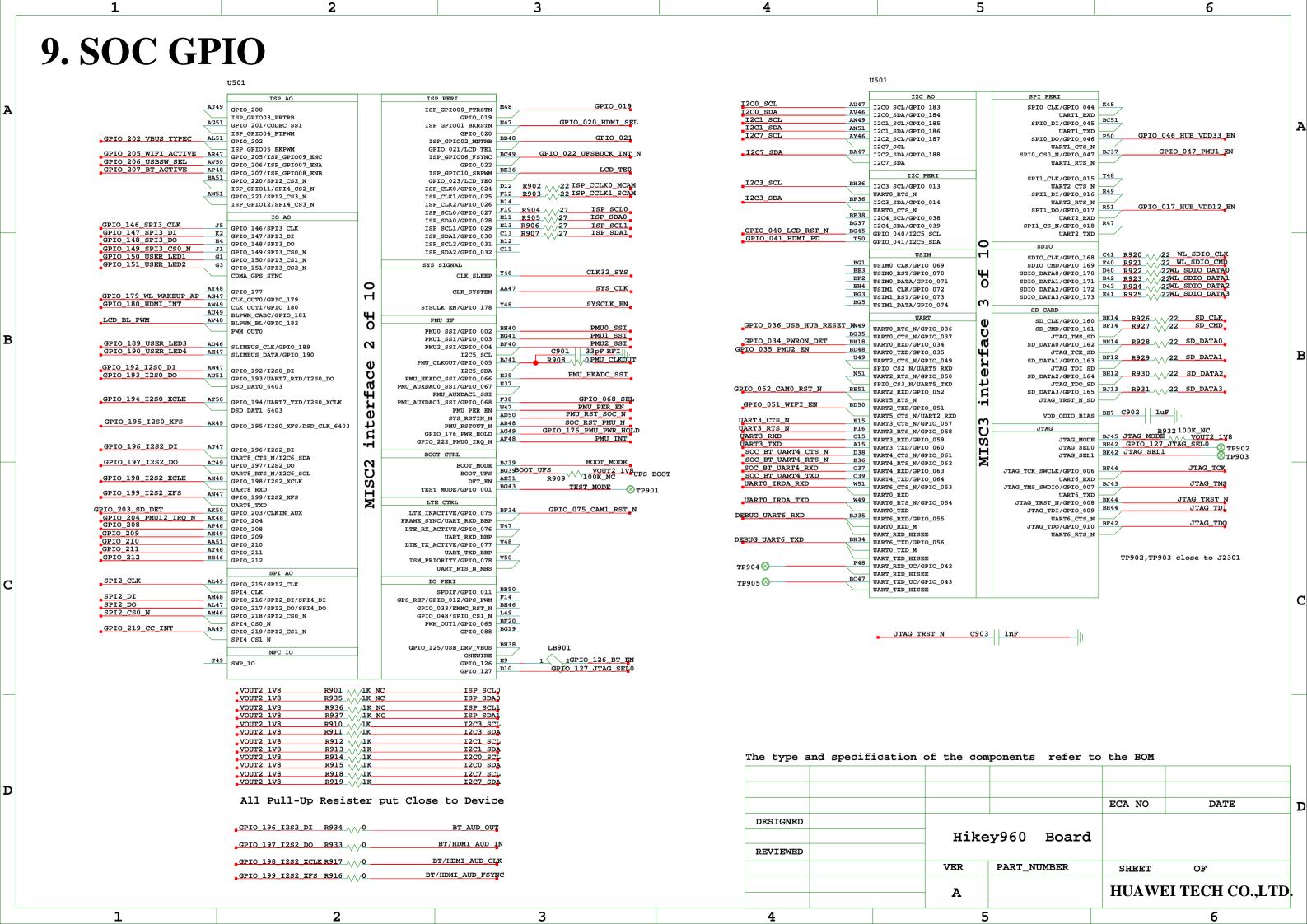


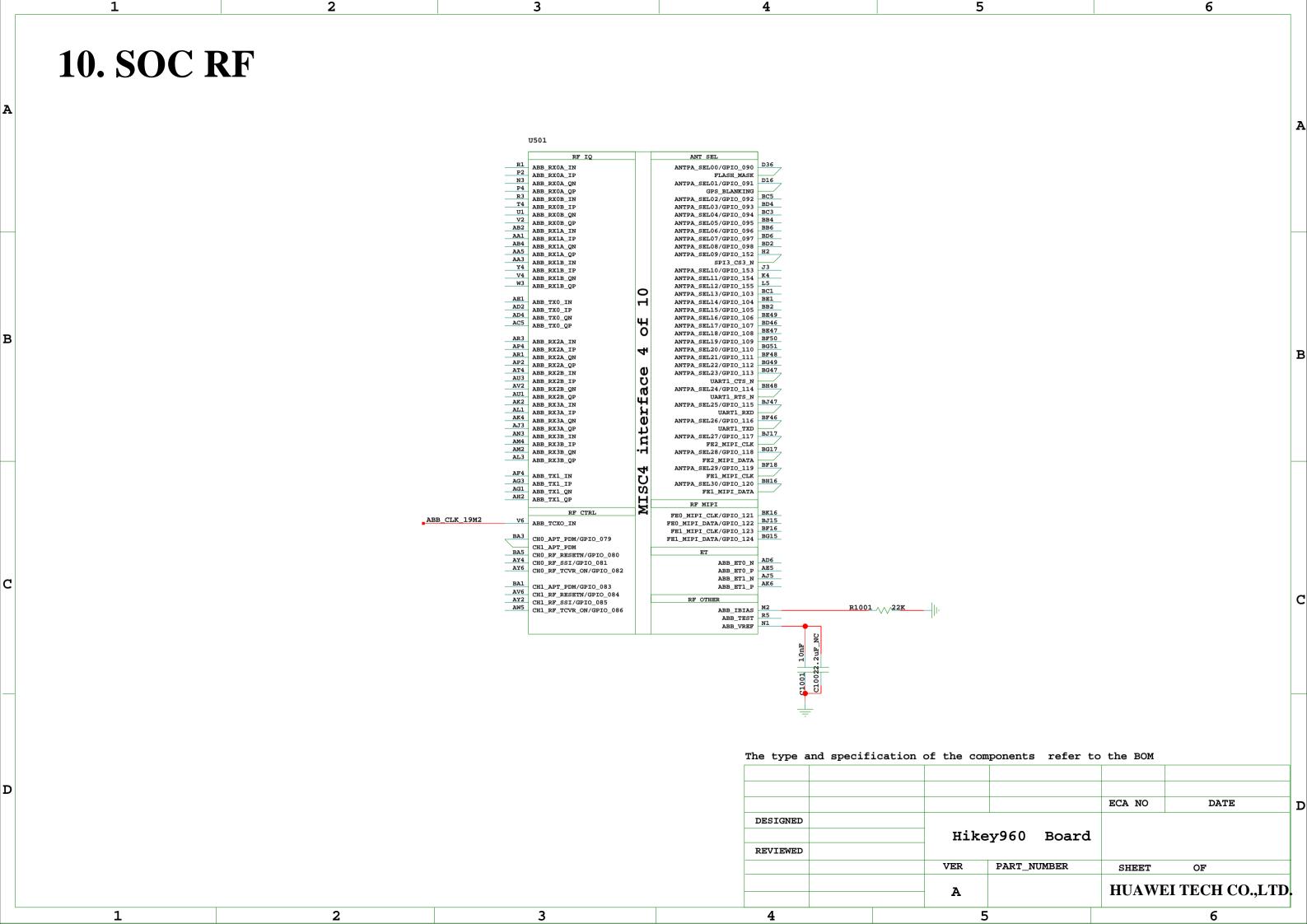


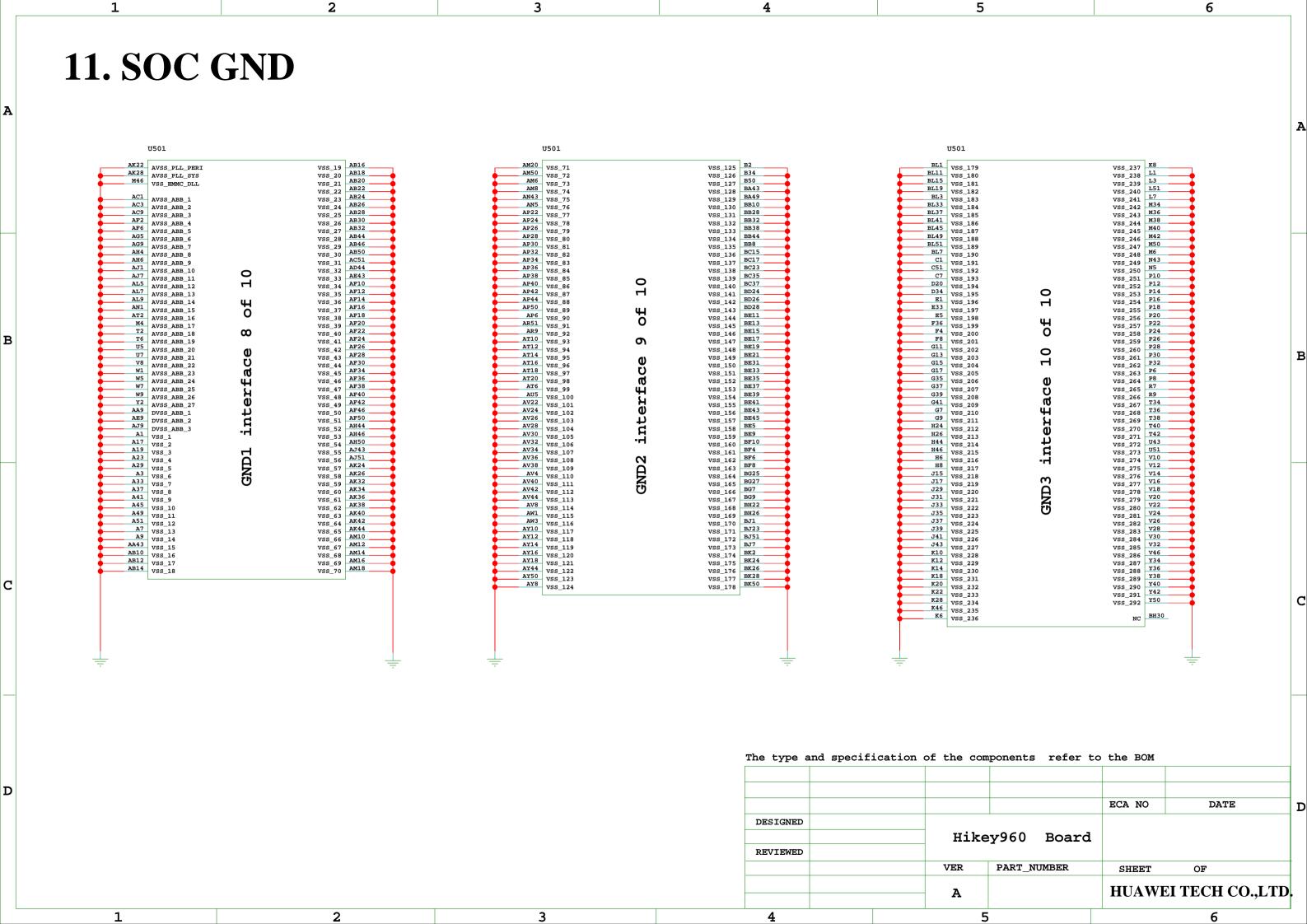












12. PMU-1

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							A		HUAW
12007	1.25	600	INC			REVIEWED	VER	PART_NUMBER	SHEET
LDO32		600	NC			DER / T. FIF. 1990	Hi	ikey960 Board	
LDO3		300	NC UFS/EMMC 0.8V Core			DESIGNED			ECA NO
D LDO30		200	SOC UFS 1.2V						EG3 270
LDO28		50	NC THE 1 27			The type an	nd specification of the	components refer	the BOM
LDO27		50	RESERVED			mha terres er	nd anogification of the	gomponents	o the por
LDO26		50	19M2 XO		_	<u></u>			
LDO25		400	NC					_VOUT30_0V8	C1229 4.7
		50	RESERVED		SG1202			•	
LDO23	313	100	RESERVED		AGND6 P17 AGND_BUF	AGND 100 L14GND 100	08 SG1206 04 SG1207	_VOUT0_0V8	C1228 4.7
				C1207 luf	AVDD_CLK_BUFR20 AVDD_CLK_BU	F AGND5	AGND6	_VOUT29_1V2	C1227 1uF
LDO21		200 300	EFUSE_SYS NC	VOUT2_1V8 VOUT26_1V8	K19 P19 VDD_IO AVDD_OSC	AGND2 H7 U20 T21 AGND3_2 L16	GND_DCXO_ GND_DCXO_	VOUT1_1V29	C1226 4.7
LD020		600	NC	S <u>G</u> 1201 ভু√ই√জ	DR5	AGND1_2	ND_1005@\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\\	_VOUT26_1V8	C1225 4.7
LD019	2.0	300	NC		M5 DR2 M5 DR3 K5 DR4	VREF_LDO1 VREF_LDO22 G4 C1210	220ng by SG1203 220ng by SG1204	VOUT21_1V8	C1224 4.7
LD017		50	NC	. <u>C1206</u> <u>luf</u>		VREF M21C1208 1REF N18 R1201	220nF 1MEG	_VOUT7_1V8	C1223 4.7
LD016		800	SD	VBUCK1_1V1	Al2 VIN_1P2	OUT0 A14 300r	mA	_VOUT5_1V8	C1222 4.7
LDO15		600	UFS VCC	C1205 Luf		OUT20 OUT22 H OUT29 OUT32 M OUT32	mA VOUT29_1V2	_VOUT3_1V85	C1221 4.71
LDO14	2.85	50	NC	VBUCK2_1V45	H1 VIN_1P5_1 VIN_1P5_2	OUT10 OUT20 F1 H3	_	VOITE 1110E	
LDO13		150	NC			OUT28 J18		VOUT2_1V8	C1220 4.7
LDO12	1.8	150	NC	"		U OUT8 N20 300r	MA VOUT8_1V8	VOUT27_2V4	C1219 4.7
LDO11	1.8	150	40PIN CONNECTOR	C1204 1uF	VIN_2P15_2	OUT5 J22 500r	mA VOUT5 1V8	_VOUT24_2V8	C1218 1uF
LDO10	3.2	100	USB PHY 3.3V	VBUCK3_2V15	L20 VIN_2P15_1 VIN_2P15_2	OUT2 K21 800r		VOUT23_3V3	C1230 luF
B LDO9	1.8/2.95	150	SDCARD IO			OUT24 OUT27 T15 100m R16 50m2 T19 50m2	nA VOUT23_3V3 A VOUT24_2V8 A VOUT27_2V4	VOUT16_2V95	C1217 4.7
LDO8	1.8	300	SOC SYS PLL			OUT16 08 8001 00117 R10 T11		_VOUT15_3V0	C1216 4.7
LDO7	1.8	300	ABB&PLL ANA_1V8	71 11		OUT12 OUT13 OUT14 OUT15	mA VOUT15_3V0	_VOUT11_1V8/2V95	C1215 1uF
LDO5	1.8	500	MIPI PHY&DDR PHY&HKADC	C1203 1uF		OUT10 T17 100r	mA VOUT10_3V2 mA VOUT11_1V8/2V95	VOITE11 1379 / 2379 E	C1215 1p.
LDO4	1.85	200	NC		P1 VIN_3P3_1 VIN_3P3_2	OHT9 R4 150r	mA VOUT9_1V8/2V95	VOUT10_3V2	C1214 1uF
LDO3	1.85	300	HDMI	VDD 4V2	P1 VIN 3P3 1	OUT31 N4 OUT_PMUA U14 50m2	A VOUT_PMUA	VOUT_PMUA	C1213 1uF
LDO2	1.8	800	1V8 IO	C1201 LuF		OUT 25 M3		VCOIN	C1212 1uF
LDO1	1.29	300	HDMI V1P2	VDD_4V2	N2 IN5	OUT_PMUD M9 50m2 VPP M11 N16 2001		_	
LDO0	0.8	300	UFS,SYS					VOUT_PMUD	C1211 1uF

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C1216 4.7uF

C1217 4.7uF

C1219 4.7uF

C1220 4.7uF

C1221 4.7uF

C1222 4.7uF

C1223 4.7uF

C1224 4.7uF

C1225 4.7uF

C1226 4.7uF

C1229 4.7uF

DATE

OF

HUAWEI TECH CO.,LTD.

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