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							GND	NET_TYPE PHYSICAL SPACING	7	
	PWR	NET_TYPE PHYSICAL SPACING		VOLTAGE	NET_TYPE PHYSICAL SPACING		0V	MAX_LINE_WIDTH-0.6 MM GND MAX_LINE_WIDTH-0.6 MM	GND AUDIO CODEC	
D	4.7V PP_P i 4.7V PP_P i 4.7V PP_P i 4.7V PP_P	WR	55 55 55	1 .8V 1 .8V	PHYSICAL SPACING	PP1V8 PLL SOC F 4 PP1V8 EDP AVDD AUX 7 TP PP0V4 MIP10D 7 TP PP0V4 MIP1ID 7	111 0V 111 0V 1121 0V	GND	GND COMP 24	I
	4.7V PP_P 1.1V PP_P 1.4.7V PP_P 1.4.7V PP_P 1.4.7V PP_P 1.1V PP_P 1.1V PP_P 1.1V PP_P	WR PWR BUCK1 FB WB PWR BUCK1 LX0 WR PWR BUCK1 LX1 WR PWR BUCK1 LX2	55	1 8V	DWR_OP2MM DWR DD_DWR DWR	PP1V8 XTAL , , , , , , , , , , , , , , , , , , ,	RST NET_SPACING_TYPE1 NE	GND GND F_SPACING_TYPE2 AREA_TYPE SPACING_	GND SPKR AMP R2	
	1.1V PP_P 1.1 4.7V PP_P 1.1 1.0V PP_P 1.1 1.8V PP_P 1.1 1.8V PP_P 1.1 4.7V PP_P 1.1 4.7V PP_P	WR PWR BUCK2 LX0 WR PWR BUCK2 FB WR PWR BUCK3 LX0 WR PWR BUCK3 FB	55	1. 2V 1. 8V 1.25 3. 0V	DP_DWR DWR DP_DWR DWR DP_DWR DWR DP_DWR DWR DP_DWR DWR	PPVDDI NAND 14 PP1V8 DMIC FILT 16 60 PP3V0 HP ALS FILT 50 SPKR L1 SWITCH	ELECTRICAL_CONSTRAI	*	PACING	
	1. 2V PD_P 1. 4.7V PP_P 1. 1.0V PP_P 1. 4.7V PP_P 1. 3.3V PP_P	WR PWR BUCK4 FB WR PWR BUCK5 LX0 WR PWR BUCK5 FB WR PWR BUCK6 LX0	55 55 55 55 55	8.75V	PP_PWR PWR PP_PWR PWR	SPKR R1 SWITCH PPDVDD SPKRAMP	100	RST RST RST RST RST	BB TRST L DBG RST DEBUG RST L GSM TXBURST IND RST AP 1V8 L	DEV
	1.1V MIN_NECK_MII DER DER MIN_NECK_WII	TH=0.15 MM DWD PPVDD GPU	55 60 62 55 60 62	1.7V	PP_PWR PWR	PPLV7 VCP 15 60		RST BST RST RST RST RST	RESET SOC L GPIO SOC2BB RST L RST BB PMU L RST BT L RST DET L GPIO SOC2GRAPE RESET L	. 4 13 25 47 57 60 61 . 5 25 27 60
С	1.0V MAXIMUM MECK 1.8V MAXIMUM MECK PP_P MAX_LINE 1.8V MAX_LINE MAX_LINE	DTH=0.6 MM	55 60 62 55 56 60 62 55 57 59 60 62 D 60 62 57 60 62	4.2V 1352 4.2V 1362 4.2V 1362 4.7V 1363 4.7V	PP_DWR DWR PP_DWR DWR PP_DWR DWR PWR_1MM DWR PWR_1MM PWR	PPVCC VPROG CP 15 PPVCC VPROG MB		RST RST RST RST RST RST	PMU GPIO CODEC RST L TS2PMU RESET IN GPIO BB2SOC RESET DET L SIMCRD RST WDOG SOC	15 57 47 57 . 47 57 . 41 13
	1.8V PMP 1.8V PP.P 1.8V MAX.LINE, WAXIMUM NECE	DPIMM PWR PP1V8 SW2	55 60 62 55 60 62 IP 60 62	4.7V 1222 5.25V 1.8V 1.8V	PWR_1MM PWR PP_DWR DWR PP_DWR DWR PP_DWR DWR PP_DWR PWR	PPVCC MAIN GRAPE FILT PP5V25 GRAPE FILT PP1V8 GRAPE SW 51 52 60 PP1V8 GRAPE FILT	61	RST RST RST RST RST	WDOG SOC2PMU RESET IN GPIO OSCAR RESET L ISP1 CAM FRONT SHUTDOWN L ISP0 CAM REAR SHUTDOWN L ISP1 CAM FRONT SHUTDOWN L F	. 13 57 5 19 60 7 22 7 23 . 22 60
	1.2V PWP 1.2V MAXIMUM PD P 1.2V MAXIMUM PD P MIN_NECK_WILL 3.3V MIN_NECK_WILL		55 56 60 62 55 60 62 55 60 62 55 60 62	3.0V 3.0V 3.0V	PP_PWR PWR PP_PWR PWR PP_PWR PWR	PP3V0 GYRO 19 60 PP3V0 ACCEL 19 60 PP3V0 S2R HALL FILT 20 50 60		RST RST RST RST RST	ISPO CAM REAR SHUTDOWN L F PMU GPIO PMU2BBPMU RST L PMU GPIO PMU2BBPMU RST R L JTAG AP TRST L	. 23 60 . 25 27 57 60
	3.0V MAXIMUM_NECT 1.7V PP_P MAX_LINE_P	LENGTH=15 MM PWR PP3V3 SW LENGTH=20 MM PWR PP3V0 SPARE1 WR PP1V7 VA VCP LOTH=0.5 MM	55 60 62 56 60 62					RST RST RST RST	GPIO BR RST L RST PMU IN UD881 RST UD882 RST	· DEV · DEV
	3.0V MAXIMUM NEG	DP3MM PWR PP3V0 S2R TRISTAR	56 60 62 56 60 62 56 60 62 56 60 62	1.2V 1.8V 2.9V 1.40 2.9V	PWR_0P3MM PWR DP_PWR DWR PP_PWR PWR DWR_0P3MM DWR	PP1V2 CAM FRONT FILT 60 PP1V8 CAM FRONT FILT 22 60 PP2V9 AVDD CAM FRONT FILT 22 60 PP3V0 ALS FILT 22 60			_	
В	2.6V MAXIMUM NECES 2.6V MAXIMUM NECES 2.9V MAXIMUM NECES 42.9V MAXIMUM NECES	## PP2V6 CAM AF ### PP2V6 CAM AF ### PP2V6 CAM AF ### PP2V9 CAM ### PP2V9 CAM ### PP2V9 CAM	56 60 62 56 60 62 56 60 62 56 60 62	2.6V 1.28V 1.8V	DP_DWR DWR DP_DWR DWR DP_DWR DWR	PP2V6 CAM REAR AF FILT 23 60 PP1V3 CAM REAR FILT 23 60 PP1V3 CAM REAR FILT 23 60 PP1V3 CAM REAR				E
	MIN_NECK_W 4.7V PWR	INPUT/MAIN/A	56 60 62 **LWAYS*** 47 55 56 57 58 60 62	1 28V 2 8V 2 8V 2 8V 3 . 0V	DP_DWR	PP2V9 AVDD CAM REAR FILT 23 60 PP3V0 COMP 24 60 PP1V8 COMP 24 60 PP3V0 SENSOR PROX FILT 60	PMU SENSE NET_SPACING_TYPE1 NE PMU_SENSE	* * 3:1_Si	PACING	
	4.7V PWR		55 60 62 55 60 62 66 60 62	3. 0V 3. 0V 3. 0V 3. 0V 3. 0V 3. 0V 3. 3. 0V	DP_DWR DWR DP_DWR DWR DP_DWR DWR DWR_2MM DWR DP_DWR DWR DWR_2MM DWR	PP3V0 SENSOR PROX ADUX1049 FIL PPAVDD SENSOR PROX ADUX1049 PP3VD SENSOR PROX AD1149 FILT PPVBUS E75 USB CONN PPOUT E75 ACC ID1 CONN 48 99 66	45 60 VOLTAGE 1.1V	NET_TYPE PHYSICAL SPACING DWB_SENSE DMIL_SENSE	PPVDD CPU SOC SENSE 11 57 6:	51
	20.4V MAX_LINE_V PWR_	WE DWB WLED LX A IDTH-0.6 MM DWR PPLED OUT A IDTH-0.6 MM DWR PPLED OUT B PSMM PWR PPLED OUT B	66 61 66 61 66 60 62	3 3V 3 3V 3 3V 3 3V	DP_DWR DWR DP_DWR DWR DP_DWR DWR DP_DWR DWR DP_DWR DWR	PPOUT E75 ACC ID2 CONN 48 49 67 PPOUT E75 ACC ID1 47 48 PPOUT E75 ACC ID2 47 48 PP3V0 IO ALS FILT 60	1.1V 1.1V 1.1V 1.1V	DWR_SENSE DMI_SENSE DWR_SENSE DMI_SENSE DWR_SENSE DMI_SENSE DWR_SENSE DMI_SENSE DWR_SENSE DMI_SENSE DWR_SENSE DMI_SENSE MIN_DWR_SENSE DMI_SENSE	PPVDD GPU SOC SENSE	51 51
7.	20. 4V PWR 20. 4V PWR 6. 0V PPP	PMU PWR PPLED BACK REG B WE PWR PP6V0 LCM VBOOST		1.655	AXIMUM_NECK_LENGTH=20 NA ANI.G DP_DWR ANI.G MAXIMUM_NECK_LENGTH=5 NA ANI.G	BATT NTC	1.05V	MIN NECK SENSE DMIL SENSE MIN NECK SENSE MIN NECK SENSE MIN SENSE MIN SENSE	ADC SMPS1 MSMC 1V05 ADC SMPS3 MSME 1V8	
	6.0V PWR 6.0V PP_P 6.0V PP_P 20.4V PP_P	WR	47 55 60 55 60 56 61 56							
	6.0V PWR_	DP2MM	65 61 4 55 4 ET 25 28 57 61							
	8	7	6		5	4	3			



