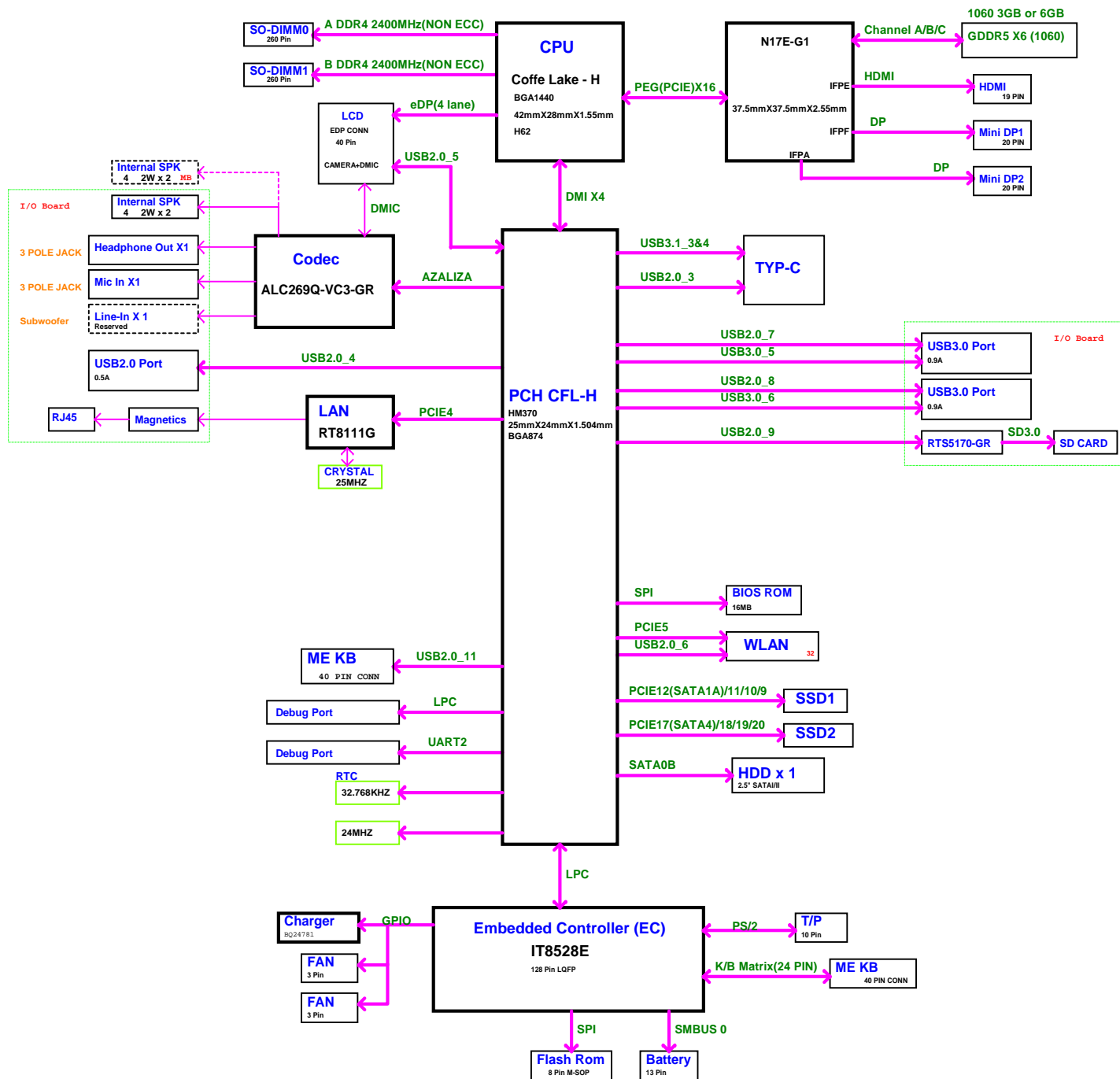
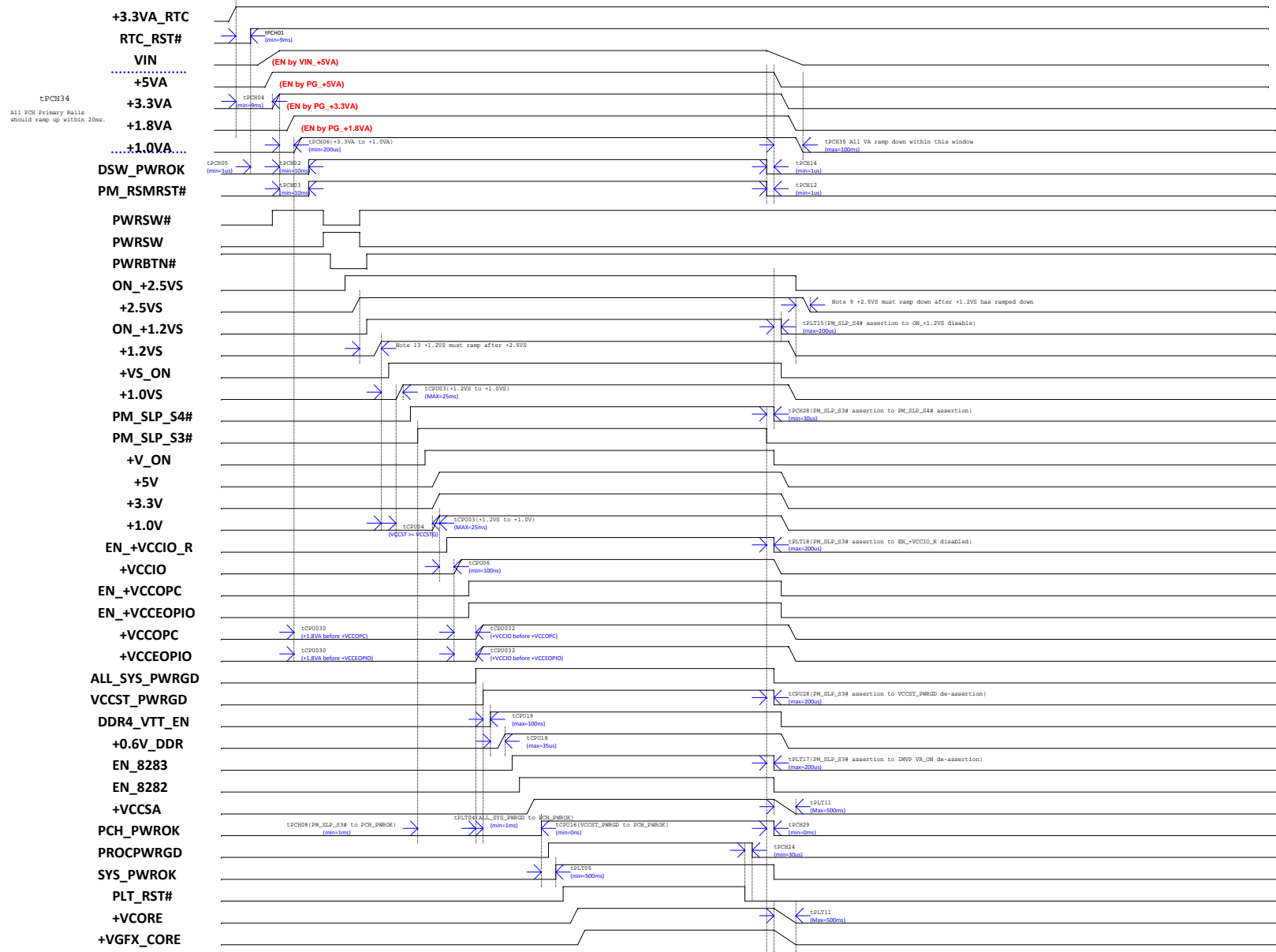
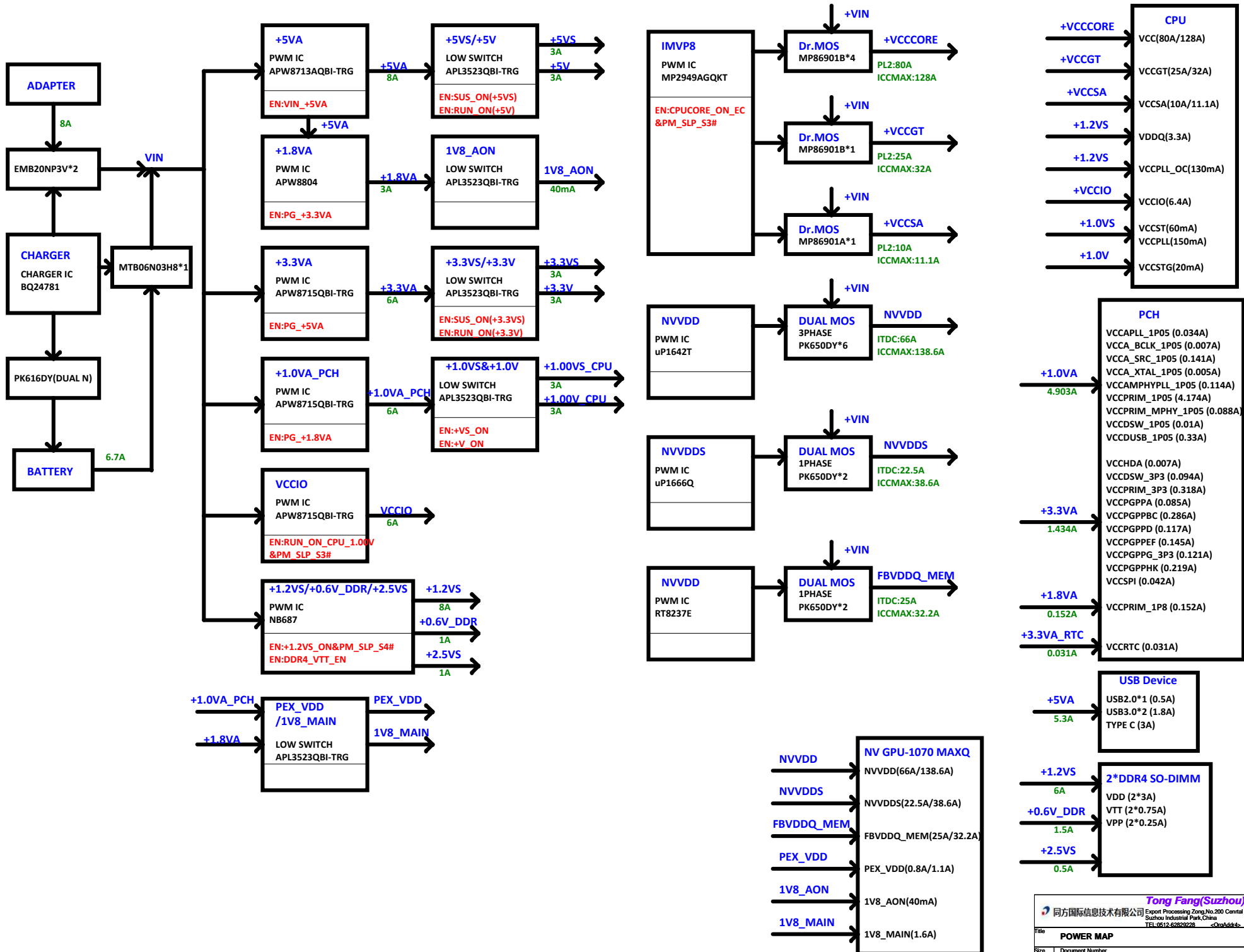


SYSTEM BLOCK DIAGRAM



POWER ON SEQUENCE





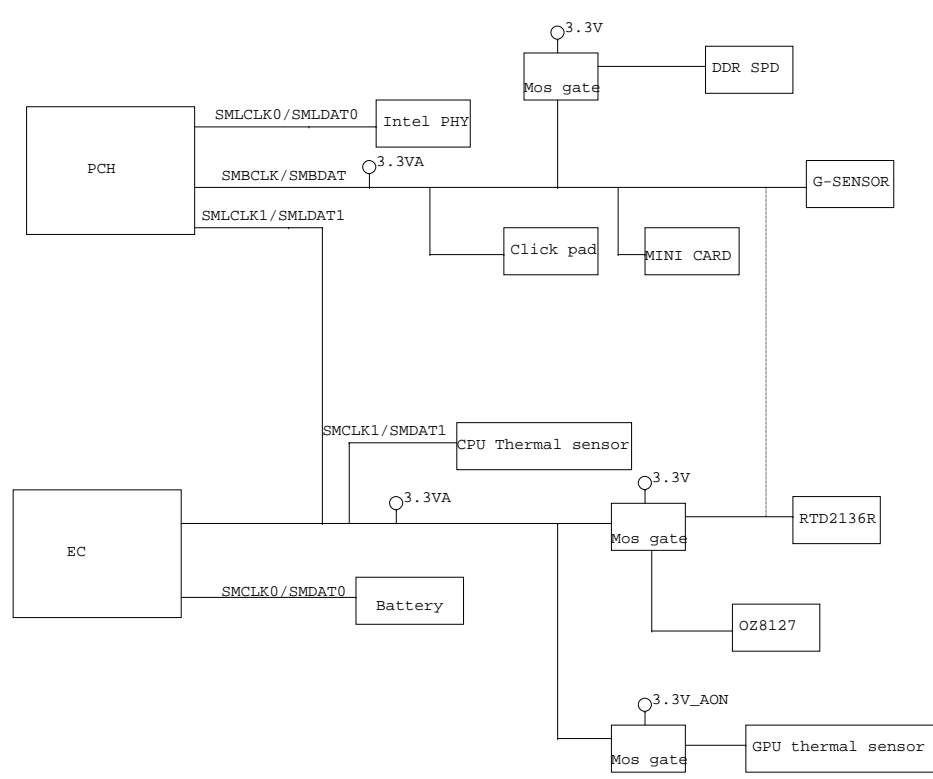
GHSKN

ITE8528 GPIO		Default Pull/Mode
GPA0	PWM_KB_GREEN	UP / GPO
GPA1	F/P_LED_PWM	UP / GPO
GPA2	PWM_KB_BLUUE	UP / GPO
GPA3	PWM_KB_RED	UP / GPO
GPA4	PID_1_CHG_R_LED	UP / GPO
GPA5	PID_2_PWR_LED	UP / GPO
GPA6	ME_KB_LED	UP / GPO
GPA7	Board ID	UP / GPO
GPB0	PM_SLP_S4H	UP / GPT
GPB1	PM_SLP_S3H	UP / GPT
GPB2	GPU_Adaptor_In	DN / GPT
GPB3	BAT_SMBCLK	Z / GPT
GPB4	BAT_SMBDAT	Z / GPT
GPB5	H_A20GATE	Z / GPO
GPB6	H_RCLINK	UP / GPT
GPB7	SAFTY_PROTECT	DN / GPT
GPC0	LAN_PWR	DN / GPT
GPC1	SMBCLK_EC	Z / GPT
GPC2	SMBDAT_EC	Z / GPT
GPC3	SENBAT_V	DN / GPO
GPC4	FAN_enable0	DN / GPO
GPC5	SYS_PWROK	DN / GPO
GPC6	Boost_FAN_EN1	DN / GPO
GPC7	+1.2VS_ON	UP / GPO
GPC8	ADAP_IN	UP / GPT
GPC9	PWRBTN#	UP / GPO
GPC10	PLT_RST#	UP / GPT
GPC11	HDMI_HPD	UP / GPT
GPC12	EC_EXTSMI#	UP / GPT
GPC13	ME_WEN#	UP / GPO
GPC14	FAN0_detect	DN / GPO
GPC15	FAN1_detect	DN / GPO
GPC16	LID#	DN / GPT
GPC17	EG_DA	
GPC18	EG_Cycle_start	
GPC19	EG_CLK	
GPC20	PWRSW	UP / GPT
GPC21	LVDS_VIN	DN / GPO
GPC22	WLAN_ON	DN / GPO
GPC23	AMP_MUTE#	UP / GPO
GPC24	PANEL_VCC	UP / GPO
GPC25	PCH_PWROK	UP / GPT
GPC26	BT_ON	UP / GPO
GPC27	Q_Key1	UP / GPT
GPC28	TP_CLK	UP / GPT
GPC29	TP_DATA	UP / GPT
GPC30	EC_PECI	UP / GPT
GPC31	RUN_ON	UP / GPT
GPC32	PANEL_3.3V_ON	Z / GPO
GPC33	Reserved for AC remova	DN/GPO/ID7
GPC34	CPUCORE_ON	Z / GPO
GPC35	WEBCAM_ON	Z / GPO
GPC36	PM_CLKRUN#	DN/GPT/ID9
GPC37	PCH_BL_EN	DN/GPT/ID9
GPC38	ID_DET	DN/GPT/ID9
GPC39	DGPU_EN_EC_Keep	DN/GPT/ID9
GPC40	Dgpu_RST_EC#	DN/GPT/ID4
GPC41	HYB_ON#	DN/GPT/ID5
GPC42	Clear CMOS	DN/GPT/ID6
GPC43	Boost_FAN_EN	/GPT/Z
GPC44	PANEL_DETECT	/GPT/Z
GPC45	PCIE_WAKE#	/GPT/Z
GPC46	FAN_enable1	/GPT/Z
GPC47	BAT_I	/GPT/Z
GPC48	BATT_TEMP	/GPT/Z
GPC49	Iadapter_I_bat	/GPT/Z
GPC50	BAT_V	/GPT/Z
GPC51	EC_BL_ON	/GPO/Z
GPC52	EC_PROCHOT	/GPO/Z
GPC53	FAN_CTRL0	/GPO/Z
GPC54	BATT_VA_OFF#	/GPO/Z
GPC55	FAN_CTRL1	/GPO/Z
GPC56	CHG_REF	/GPO/Z
GPC57	LPC_AD0	/GPT/Z
GPC58	LPC_AD1	/GPT/Z
GPC59	LPC_AD2	/GPT/Z
GPC60	LPC_AD3	/GPT/Z
GPC61	CLK_EC_LPC	/GPT/Z
GPC62	LPC_FRAME#	/GPT/Z
GPC63	INT_SERIRQ	/GPT/Z

GHSKN

ITE8528 GPIO		Default Pull/Mode
GPA0	PWM_KB_GREEN	UP / GPO
GPA1	F/P_LED_PWM	UP / GPO
GPA2	PWM_KB_BLUUE	UP / GPO
GPA3	PWM_KB_RED	UP / GPO
GPA4	PID_1_CHG_R_LED	UP / GPO
GPA5	PID_2_PWR_LED	UP / GPO
GPA6	PM_RSMRST#	UP / GPO
GPA7	Board ID	UP / GPO
GPB0	PM_SLP_S4H	UP / GPT
GPB1	PM_SLP_S3H	UP / GPT
GPB2	GPU_Adaptor_In	DN / GPT
GPB3	BAT_SMBCLK	Z / GPT
GPB4	BAT_SMBDAT	Z / GPT
GPB5	H_A20GATE	Z / GPO
GPB6	H_RCLINK	UP / GPT
GPB7	SAFTY_PROTECT	DN / GPT
GPC0	LAN_PWR	DN / GPT
GPC1	SMBCLK_EC	Z / GPT
GPC2	SMBDAT_EC	Z / GPT
GPC3	SENBAT_V	DN / GPO
GPC4	FAN_enable0	DN / GPO
GPC5	SYS_PWROK	DN / GPO
GPC6	Boost_FAN_EN1	DN / GPO
GPC7	+1.2VS_ON	UP / GPO
GPC8	ADAP_IN	UP / GPT
GPC9	PWRBTN#	UP / GPO
GPC10	PLT_RST#	UP / GPT
GPC11	HDMI_HPD	UP / GPT
GPC12	EC_EXTSMI#	UP / GPT
GPC13	ME_WEN#	UP / GPO
GPC14	FAN0_detect	DN / GPO
GPC15	FAN1_detect	DN / GPO
GPC16	LID#	DN / GPT
GPC17	+1.2VS_ON	DN / GPT
GPC18	PWR_USB#	DN / GPO
GPC19	EXT_WIFI_ON	DN / GPO
GPC20	PWRSW	UP / GPT
GPC21	LVDS_VIN	DN / GPO
GPC22	WLAN_ON	DN / GPO
GPC23	AMP_MUTE#	UP / GPO
GPC24	DGPU_EN_EC	UP / GPO
GPC25	PCH_PWROK	UP / GPT
GPC26	BT_ON	UP / GPO
GPC27	Q_Key1	UP / GPT
GPC28	TP_CLK	UP / GPT
GPC29	TP_DATA	UP / GPT
GPC30	EC_PECI	UP / GPT
GPC31	RUN_ON	UP / GPT
GPC32	PANEL_3.3V_ON	Z / GPO
GPC33	Reserved for AC remova	DN/GPO/ID7
GPC34	CPUCORE_ON	Z / GPO
GPC35	WEBCAM_ON/SUS_ON	Z / GPO
GPC36	PM_CLKRUN#	DN/GPT/ID9
GPC37	PCH_BL_EN	DN/GPT/ID9
GPC38	ID_DET	DN/GPT/ID9
GPC39	DGPU_EN_EC_Keep	DN/GPT/ID9
GPC40	Dgpu_RST_EC#	DN/GPT/ID4
GPC41	HYB_ON#	DN/GPT/ID5
GPC42	Clear CMOS	DN/GPT/ID6
GPC43	Boost_FAN_EN	/GPT/Z
GPC44	EC_OVERT_NWDD#	/GPT/Z
GPC45	PCIE_WAKE#/Dgpu_RST_EC#/GPT/60	/GPT/Z
GPC46	FAN_enable1	/GPT/Z
GPC47	BAT_I	/GPT/Z
GPC48	BATT_TEMP	/GPT/Z
GPC49	Iadapter_I_bat	/GPT/Z
GPC50	BAT_V	/GPT/Z
GPC51	EC_BL_ON	/GPO/Z
GPC52	EC_PROCHOT	/GPO/Z
GPC53	FAN_CTRL0	/GPO/Z
GPC54	BATT_VA_OFF#	/GPO/Z
GPC55	FAN_CTRL1	/GPO/Z
GPC56	CHG_REF	/GPO/Z
GPC57	LPC_AD0	/GPT/Z
GPC58	LPC_AD1	/GPT/Z
GPC59	LPC_AD2	/GPT/Z
GPC60	LPC_AD3	/GPT/Z
GPC61	CLK_EC_LPC	/GPT/Z
GPC62	LPC_FRAME#	/GPT/Z
GPC63	INT_SERIRQ	/GPT/Z

SMBUS BLOCK



EXT EC

ITE8302 GPIO		Default Pull/Mode
GPI04	EXT_WIFI_ON	UP / GPO
GPI05	EC_OVERT_NWDD#	UP / GPO
GPI07	Dgpu_RST_EC#_keep	UP / GPO
GPI09	SUS_ON	UP / GPO
GPI011	CTL3	UP / GPO
GPI013	CTL2	UP / GPO
GPI018	EXT_Q_key0	UP / GPO
GPI020	EXT_Q_key1	UP / GPO
GPI022	PWR_USB#	UP / GPT
GPI024	+1.2VS_ON	UP / GPT
GPI026	LID1#	DN / GPT
GPI027	Dgpu_RST_EC#	Z / GPT
GPI029	PM_RSMRST#	Z / GPT
GPI031	DGPU_EN_EC_Keep	Z / GPO
GPI033	DGPU_EN_EC	UP / GPT
GPI035	Clear CMOS	DN / GPT