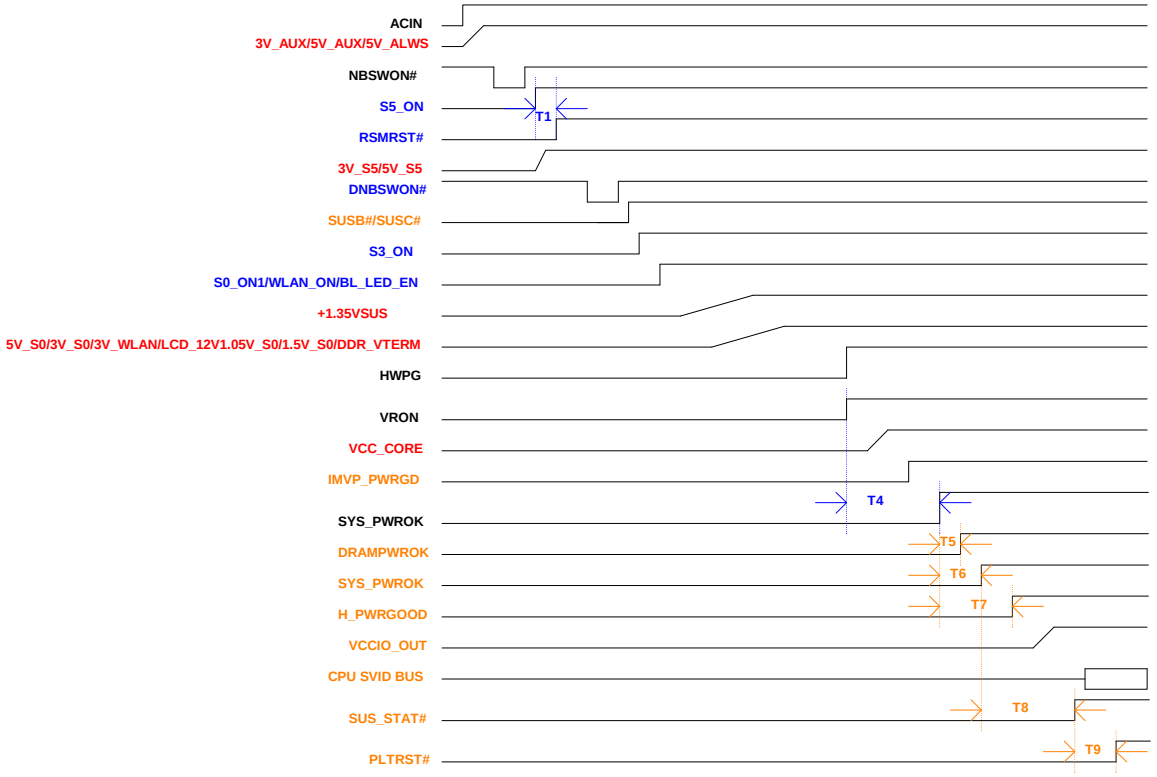
POWER Sequence

Voltage Rails

Power	Voltage	S0	S3	S4	S5	G3	Ctl Signal
3V_RTC	3V	ON	ON	ON	ON	ON	Adaptor in
VIN	19V	ON	ON	ON	ON	OFF	Adaptor in
5V_AUX	5V	ON	ON	ON	ON	OFF	Adaptor in
3V_AUX	3.3V	ON	ON	ON	ON	OFF	Adaptor in
5V_ALWS	3.3V	ON	ON	ON	ON	OFF	3V_AUX
+3V_S5	3V	ON	ON	OFF	OFF	OFF	S5_ON
12V_S5	12V	ON	ON	OFF	OFF	OFF	S5_ON
+1.35VSUS	1.35V	ON	ON	OFF	OFF	OFF	S3_ON
3V_WLAN	3V	ON	OFF	OFF	OFF	OFF	WLAN_ON
LCD_12V	12V	ON	OFF	OFF	OFF	OFF	BL_LED_EN
5V_S0	5V	ON	OFF	OFF	OFF	OFF	S0_ON
+3V	3V	ON	OFF	OFF	OFF	OFF	S0_ON
+1.5V	1.5V	ON	OFF	OFF	OFF	OFF	S0_ON
+1.05V	1.05V	ON	OFF	OFF	OFF	OFF	S0_ON
+0.65V_DDR_VTT	0.675V	ON	OFF	OFF	OFF	OFF	S0_ON
VCC_CORE	By VID	ON	OFF	OFF	OFF	OFF	VRON

VZ8H SYSTEM POWER-ON SEQUENCE



System Power Sequence

EC Control:
T1: S5_ON TO RSMRST# = 20ms (spec:mini 10ms)

T3: S0_ON2 TO VRON = 10ms
T4: HWPG TO MPWROK > 5~99ms
Note:HWPG NEED TO BE HIGH at that time

System:
T5: MPWROK to DRAMPWROK > 0us(min)
T6: HWPG to SYS_PWROK =5~99ms
T7: MPWROK to H_PWRGOOD =2ms(Min)
T8: SYS_PWROK to SUS_STAT# =1ms(Min)
T9: SUS_STAT# to PLTRST# =60us(Min)