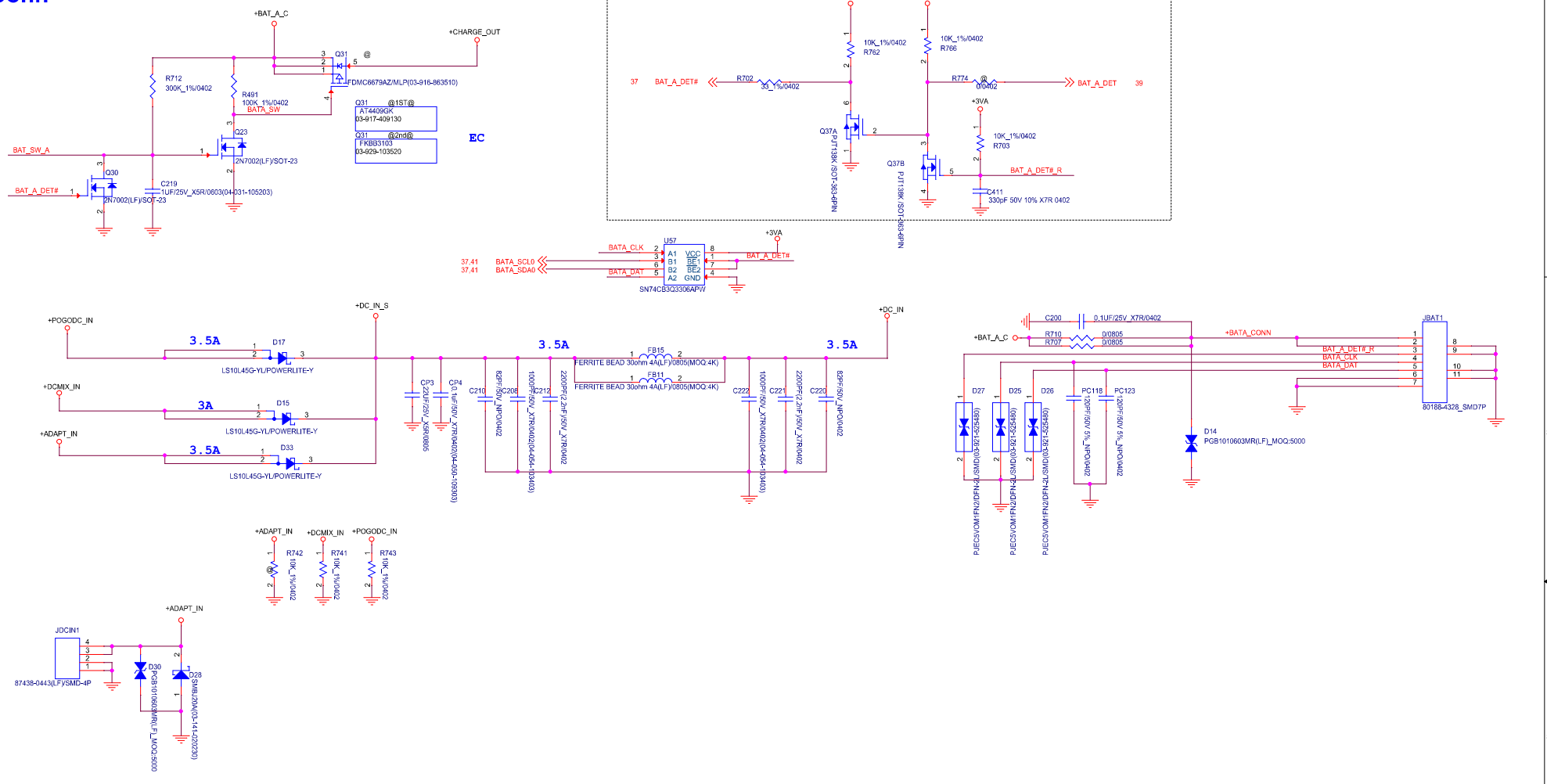
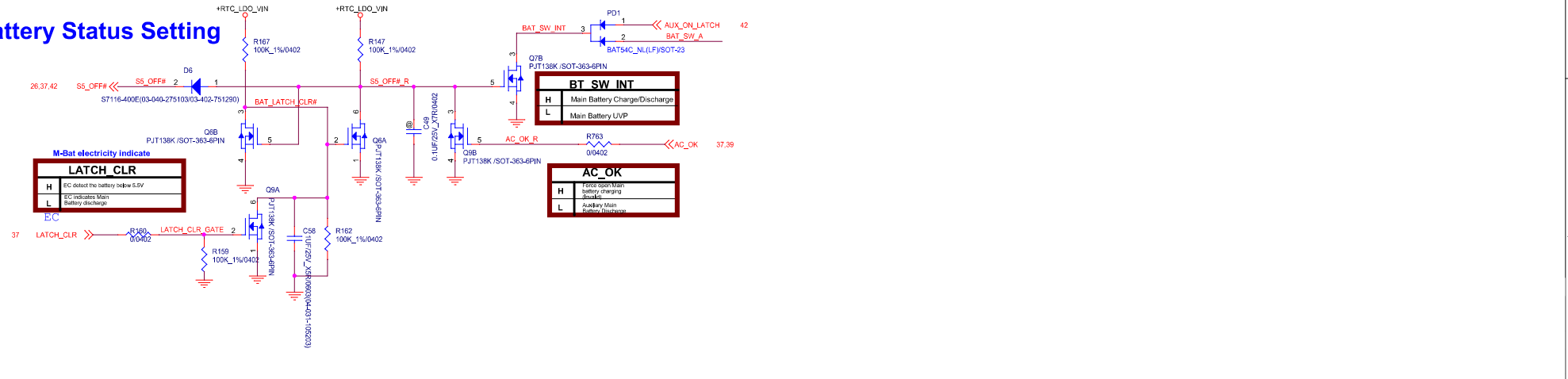


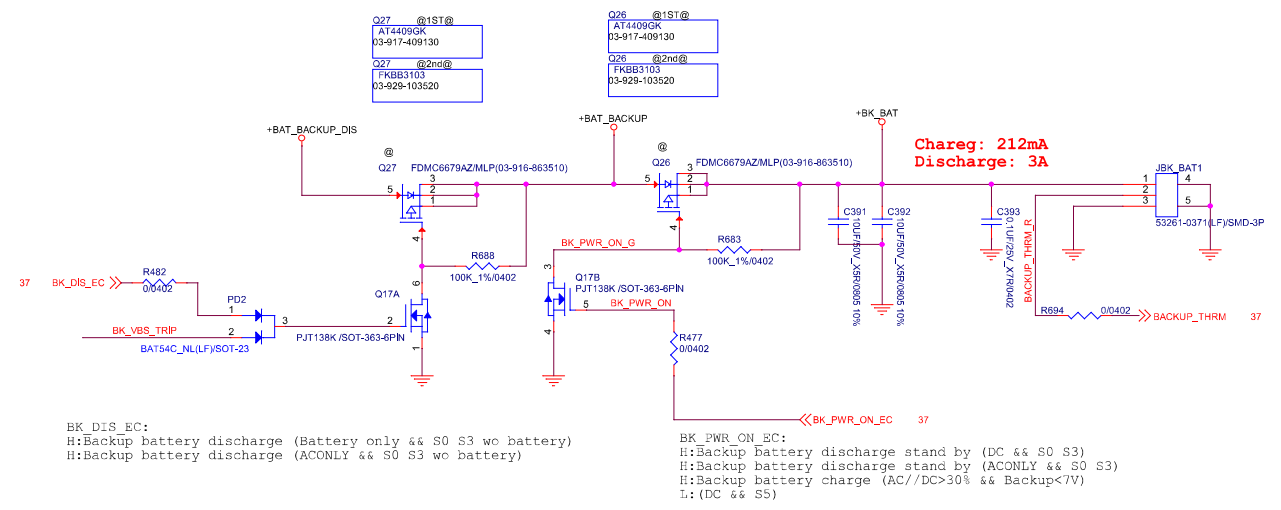
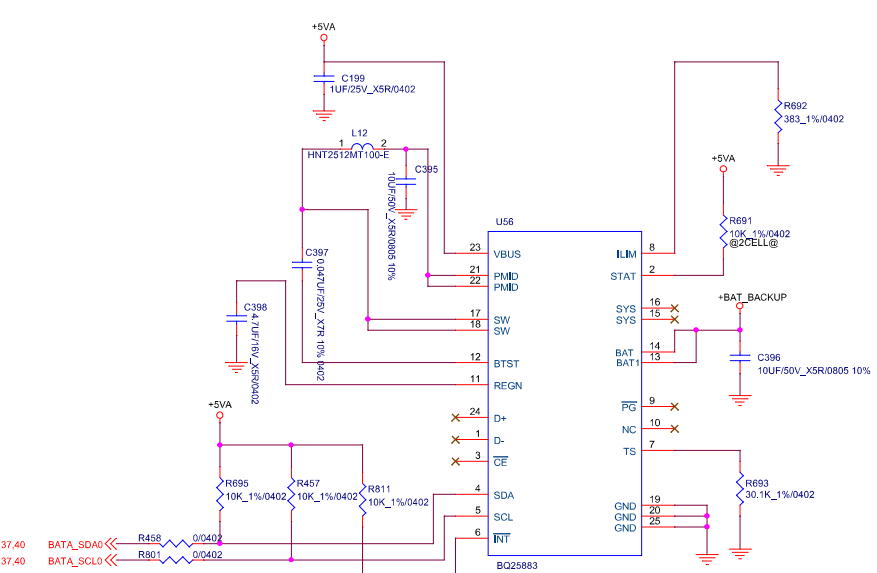
BAT Conn



Battery Status Setting



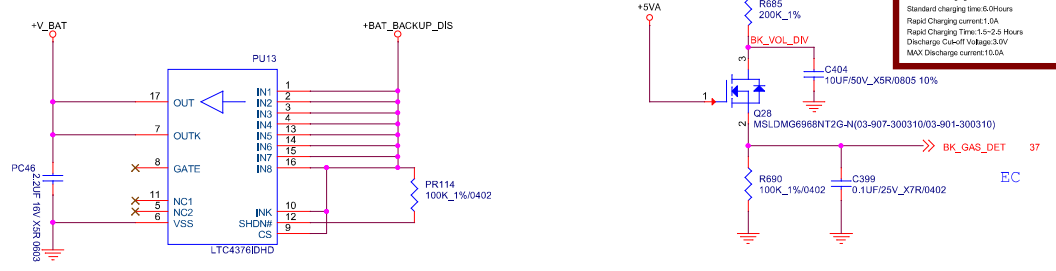
Back battery Charge.



BK_DIS_EC:
 H: Backup battery discharge (Battery only && S0 S3 w/o battery)
 H: Backup battery discharge (ACONLY && S0 S3 w/o battery)

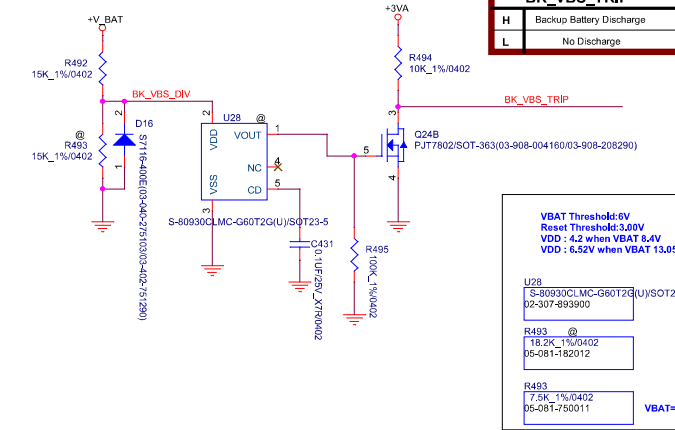
BK_PWR_ON_EC:
 H: Backup battery discharge stand by (DC && S0 S3)
 H: Backup battery discharge stand by (ACONLY && S0 S3)
 H: Backup battery charge (AC//DC>30% && Backup<7V)
 I: (DC && S5)

Backup Bat Voltage detect



Battery Charge and Discharge	
Charge Voltage:	8.2V
Standard charging current:	0.2A
Standard charging time:	6.0Hours
Rapid Charging current:	1.5A
Rapid Charging Time:	1.5-2.5 Hours
Discharge Cut-off Voltage:	3.0V
MAX Discharge current:	10.0A

Battery unplug detect Setting Clsoe to VBAT out



BK_VBS_TRIP	
H	Backup Battery Discharge
L	No Discharge

VBAT Threshold: 6V
 Reset Threshold: 3.00V
 VDD : 4.2 when VBAT 8.4V
 VDD : 6.52V when VBAT 13.05V

VBAT Threshold: 6.075V
 Reset Threshold: 2.7V
 VDD : 3.733 when VBAT 8.4V
 VDD : 5.8V when VBAT 13.05V

U28
 S-80930CLMC-G60T2G(U)SOT23-5
 02-307-893900

R493 @
 18.3K_1%/0402
 05-081-182012

R495 @
 7.5K_1%/0402
 05-081-750011

VBAT=9V , VDD=3V

R493 @
 12K_1%/0402
 05-081-120012