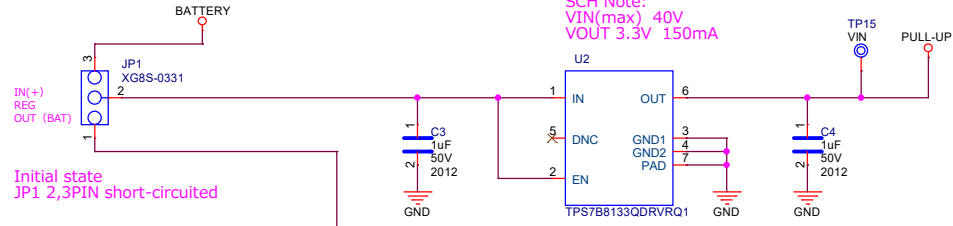


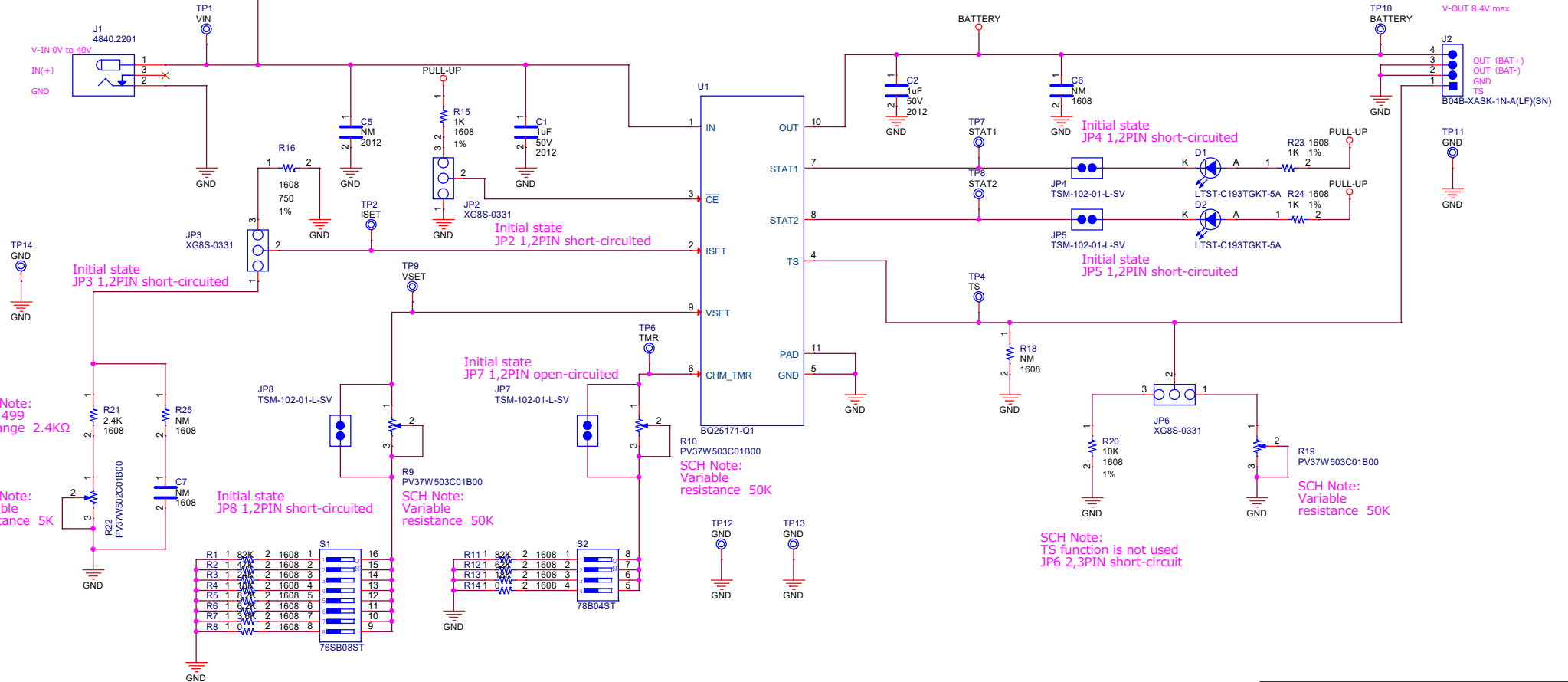
BATT_CHARGE (BQ25171_EVA)



SCH Note:
VIN(max) 40V
VOUT 3.3V 150mA

Initial state
JP1 2,3PIN short-circuited

	STAT1 PIN STATE	STAT2 PIN STATE
Charge completed, charger in sleep mode or charge disabled (including VOUT > VRECHG after TMR_EXP for NiMH charging)	HIGH	HIGH
Normal charge in progress (including intermittent charge active for NiMH, and automatic recharge for Li+ charger)	HIGH	LOW
Recoverable fault (VIN OVP, BAT OVP, TS HOT, TS COLD, TSHUT)	LOW	HIGH
Non-recoverable or latch-off fault (VSET/CHM_TMR / ISET pin short/open, BAT OCP, TMR_EXP for Li+ charging, VOUT < VRECHG after TMR_EXP for NiMH charging)	LOW	LOW



SCH Note:
EVA 499
→change 2.4KΩ

SCH Note:
Variable
resistance 5K

Initial state
JP8 1,2PIN short-circuited

SCH Note:
Variable
resistance 50K

Initial state
JP7 1,2PIN open-circuited

SCH Note:
Variable
resistance 50K

SCH Note:
TS function is not used
JP6 2,3PIN short-circuit

SCH Note:
ISET 40mA
CHEMISTRY : NiMH
RESISTOR : 7.5kΩ
CELL COUNT : 7-cell

SCH Note:
VSET 8.4V
CHEMISTRY : NiMH
RESISTOR : 3.6kΩ
CELL COUNT : 7-cell

SCH Note:
CHM_TMR
CHEMISTRY : NiMH
RESISTOR : 27kΩ
CHARGE TIMER : 6hr

Title MAIN		
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