

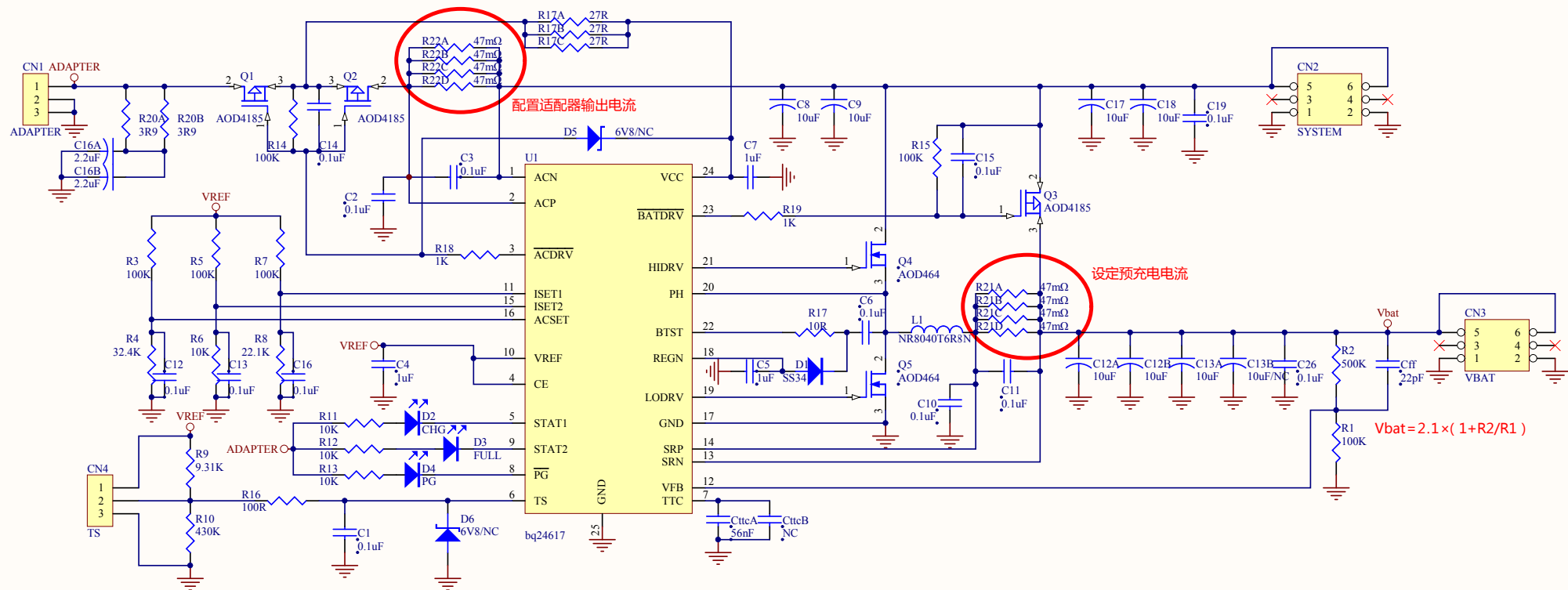
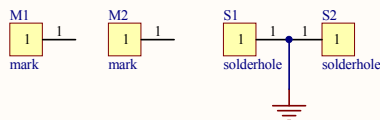


Table 2. Typical Inductor, Capacitor, and Sense Resistor Values as a Function of Charge Current for bq24610/7 (600 kHz Switching Frequency)

CHARGE CURRENT	2A	4A	6A	8A	10A
Output inductor L_O	6.8 μ H	6.8 μ H	4.7 μ H	3.3 μ H	3.3 μ H
Output capacitor C_O	20 μ F	20 μ F	30 μ F	40 μ F	40 μ F
Sense resistor	10 m Ω	10 m Ω	10 m Ω	10 m Ω	10 m Ω

CHARGE STATE	STAT1	STAT2
Charge in progress	ON	OFF
Charge complete	OFF	ON
Charge suspend, timer fault, overvoltage, sleep mode, battery absent	OFF	OFF



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