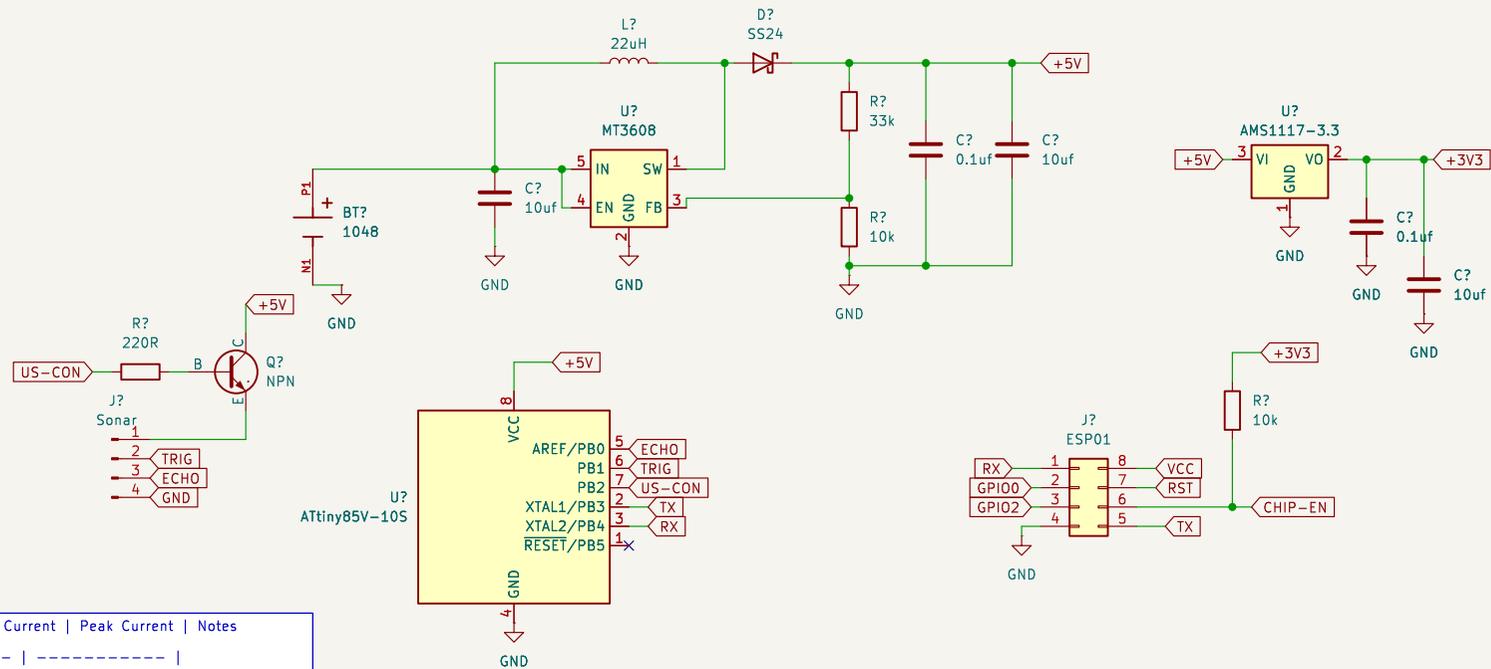


$$V_{OUT} = 1.2 \times \left(1 + \frac{1}{R2}\right)$$



Component	Avg Current	Peak Current	Notes
ESP-01	70 mA	\~250 mA	During Wi-Fi transmission
ATtiny85	\~5-10 mA	\~15 mA	Very low
HC-SR04	\~15 mA	\~20 mA	While pinging
MT3608 losses	\~10-15%	-	converter inefficiency