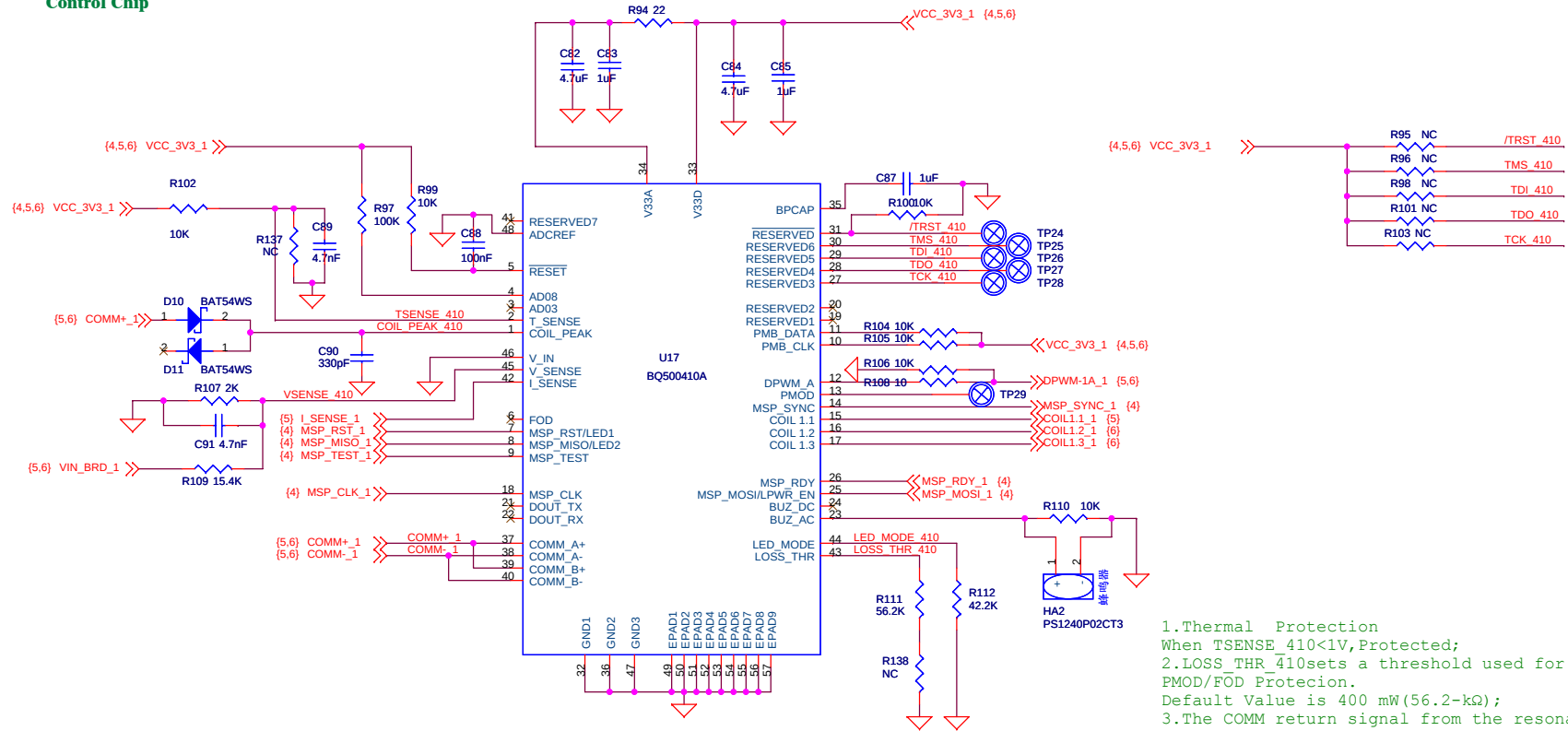


Control Chip



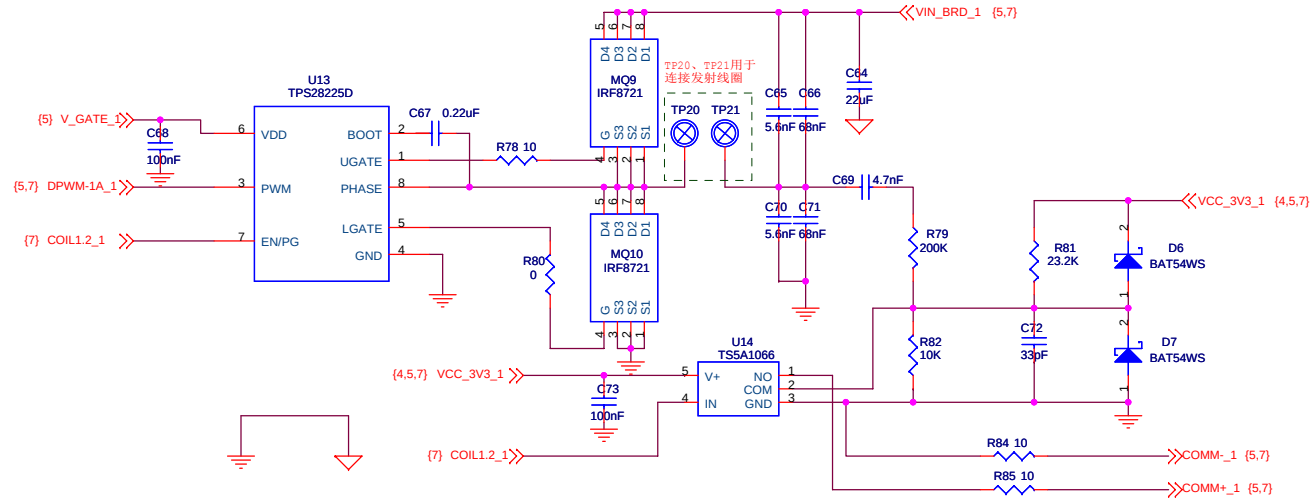
1. Thermal Protection
When TSENSE_410 < 1V, Protected;
2. LOSS_THR_410 sets a threshold used for PMOD/FOD Protection.
Default Value is 400 mW (56.2-kΩ);
3. The COMM return signal from the resonant tank should be routed as a differential pair.
4. LED MODE 见下图:

Table 3. LED Modes

LED CONTROL OPTION	LED SELECTION RESISTOR	DESCRIPTION	LED	OPERATIONAL STATES				
				STANDBY	POWER TRANSFER	CHARGE COMPLETE	FAULT	PMOD or FOD WARNING
0	<36.5 kΩ	LEDs off						
1	42.2 kΩ	Generic	LED1. Green	Off	Blink slow ¹	On	Off	Off
			LED2. Red	Off	Off	Off	On	Blink fast ²
2	48.7 kΩ	Generic + standby	LED1. Green	On	Blink slow ¹	On	Off	Off
			LED2. Red	On	Off	Off	On	Blink fast ²
3	56.2 kΩ	Generic Opt 1	LED1. Green	Off	Off	On	Off	Off
			LED2 Red	Off	On	Off	Blink fast ²	On
4	64.9 kΩ	Generic Opt 2	LED1. Green	Off	On	Off	Off	Off
			LED2 Red	Off	Off	Off	On	Blink fast ²
	> 75 kΩ	Reserved						

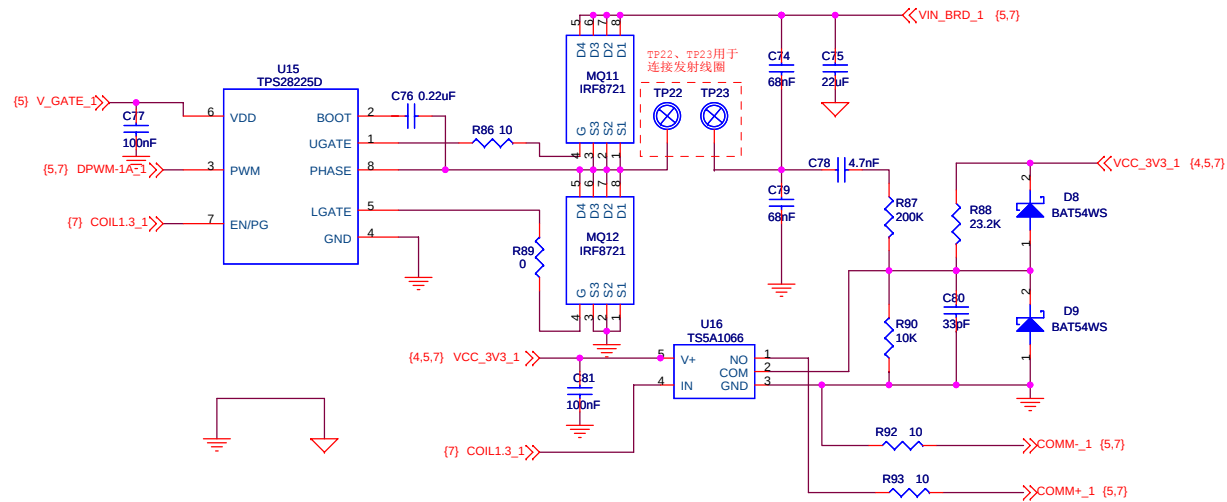
H_Bridge_Driver_2

1. 谐振回路输入COMM+、COMM-需要使用差分布线以减小噪声干扰。
2. TP20、TP21用于连接发射线圈



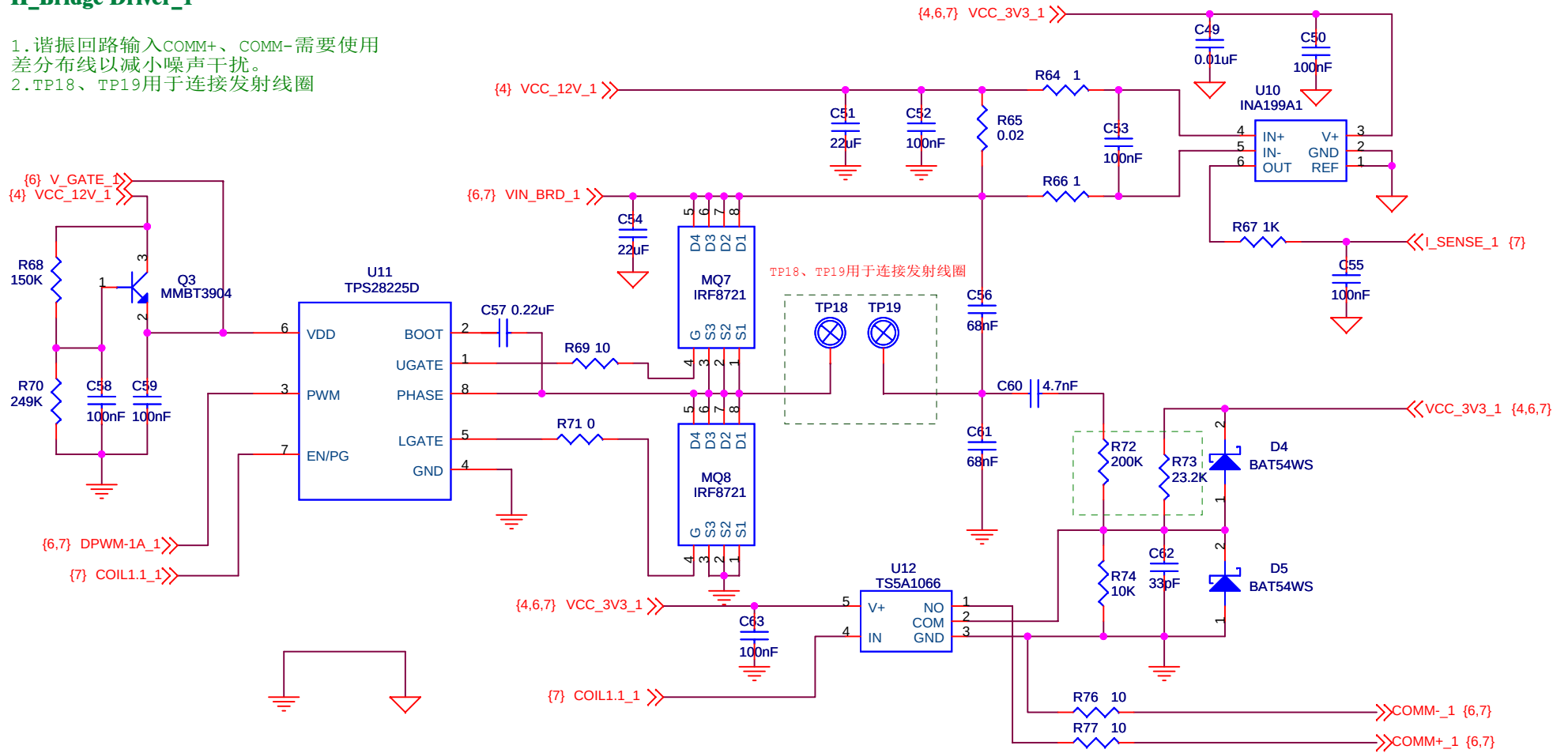
H_Bridge Driver_3

1. 谐振回路输入COMM+、COMM-需要使用差分布线以减小噪声干扰。
2. TP22、TP23用于连接发射线圈



H_Bridge Driver_1

1. 谐振回路输入COMM+、COMM- 需要使用差分布线以减小噪声干扰。
2. TP18、TP19用于连接发射线圈



System Power&Low Power Supervisor

