

Suggested OVP Zener Diodes for PT79 Series ISRs

The PT79SR100 requires an over-voltage protection (OVP) zener diode on the output to prevent turn-on overshoot. The table below lists the appropriate zener voltage and suggested zener diode part number. We recommend the 1N53xxB series because of its surge current rating.

Table 6

SUGGESTED OVP ZENER DIODES (D1)		
ISR Output Voltage	Required Zener Voltage	Suggested Zener P/N
-5.0V	-5.6V	1N5339B
-5.2V	-6.0V	1N5340B
-8.0V	-9.1V	1N5346B
-9.0V	-10V	1N5347B
-12.0V	-14V	1N5351B
-15.0V	-17V	1N5354B

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