Zener diodes can give you fast protection

Zener diodes, the widely used protection devices, are just no good for applications involving fast pulses because of their high junction capacitances, which can easily get into the thousands of picofarads. But you can reduce a zener's capacitance, improve its response, and retain its limiting function, if you put an ordinary signal diode in series with it. The signal diode should have its junction oriented in the opposite direction to that of the zener, as if you were using it to thermally compensate the zener. The very small capacitance of the signal diode in series with the zener will reduce the total capacitance by about two orders of magnitude, down to around 10 pf.