

## Ultra-low capacitance, small size SOD-882 UAD8C05L01, TVS diode array for ESD protection

UAD8C05L01, with its small SOD-882 size, ultra-low capacitance and low clamping voltage, is a type of TVS diode array for ESD protection made from Silicon material. It can directly replace traditional polymer and ceramic devices, resolving the problem like high turn-on voltage, large breakdown voltage tolerance and small surge current capacity. With SOD-882 package, occupying a space of only 1.0\*0.6\*0.5mm, PCB area can be greatly saved. Circuit to be protected is safer with its clamping voltage only a little higher than 10V. The capacitance of this device is as low as 0.4pf, making it ideal for both high speed data line and low speed data line applications. This device can be widely used for protections on data port such as USB2.0/USB3.0, HDMI, STB, Ethernet, etc

