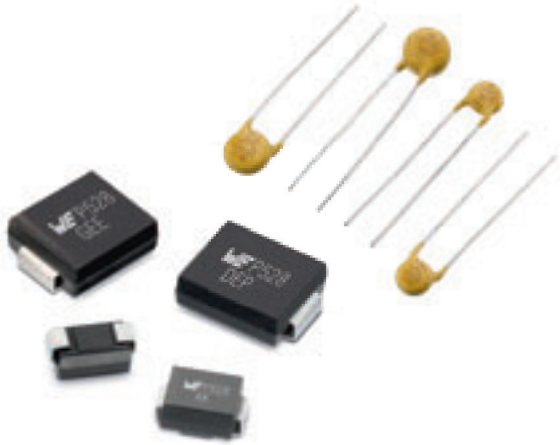
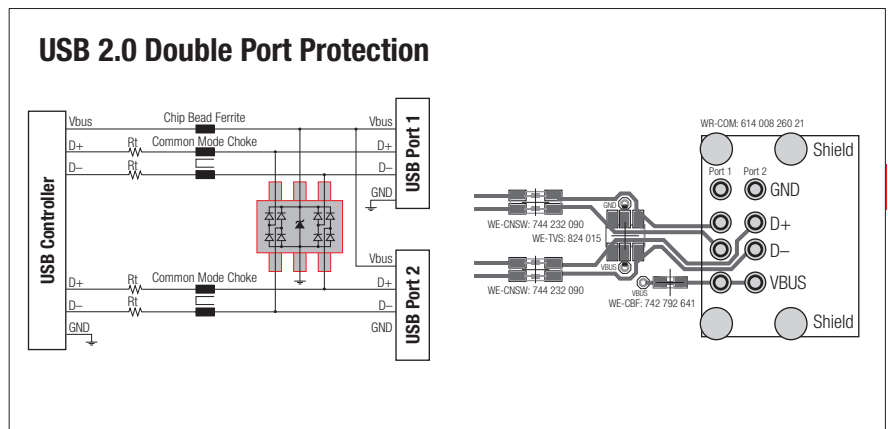
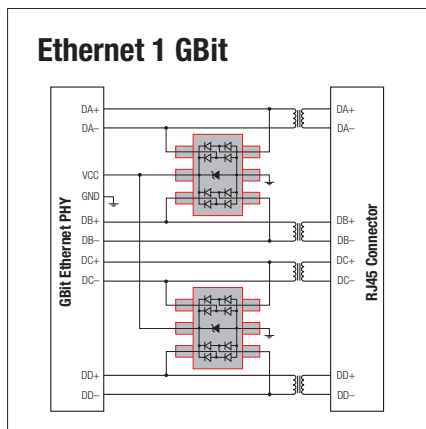


How to Determine the right Overvoltage Protection Device for your Application



- 1 Determine max. operating voltage of the application (inclusive tolerances)
- 2 Component $V_{rms}/V_{dc} \geq$ application max V_{rms}/V_{dc}
- 3 Determine operating temperature (Varistor parameter has to be derated)
- 4 Max. allowable clamping voltage
- 5 Capacitance (fast datalines need low capacitance due to signal integrity)
- 6 Max. energy/power
- 7 Max. possible surge/burst/ESD-level
- 8 Take standards into account (e.g. Audio/Video, IEC 62368-1)

Application of High Speed TVS Diodes for ESD Protection



The easy to use Flow-Thru Design – with double port connection of I/O pins

