

TP8485E-SR ± 12K ESD保护，全故障安全RS-485收发器

产品名称	TP8485E-SR ± 12K ESD保护，全故障安全RS-485收发器
公司名称	深圳市昊海鑫科技有限公司
价格	.00/件
规格参数	品牌:3PEAK思瑞浦 型号:TP8485E-SR 产地:苏州
公司地址	深圳市宝安区西乡街道固戍社区宝源路北侧宝港中心B座411
联系电话	18676367856 18676367856

产品详情

The TP8485E are 3V~5.5V powered transceivers that meet the RS-485 and RS-422 standards for balanced communication. Driver outputs and receiver inputs are protected against ± 12kV ESD strikes without latch-up. Transmitters in this family deliver exceptional differential output voltages (2.5V min/5Vcc), into the RS-485 required 54 load, for better noise immunity, or to allow up to eight 120 terminations in “ star ” topologies. These devices have very low bus currents so they present a true “ 1/8 unit load ” to the RS-485 bus. This allows up to 256 transceivers on the network without using repeaters. Receiver (Rx) inputs feature a “ Full Fail-Safe ” design, which ensures a logic high Rx output if Rx inputs are floating, shorted, or on a terminated but undriven bus. Rx outputs feature high drive levels—typically 25mA VOL=1V (to ease the design of optocoupled isolated interfaces). The TP8485E is available in an SOIC-8 and MSOP-8 package, and is characterized from – 40 ° C to 125 ° C. Features Exceeds Requirements of EIA-485 Standard Hot Plug Circuitry-Tx and Rx Outputs Remain Three-State During Power-up/Power-down Data Rate: Up to 250 kbps Full Fail-safe (Open, Short, Terminated) Receivers Up to 256 Nodes on a Bus (1/8 unit load) Wide Supply Voltage 3V to 5.5V SOIC-8 Package for Backward Compatibility Bus-Pin Protection: – ± 12 kV HBM protection Applications E-Metering Networks Industrial Automation HVAC Systems Process Control DMX512-Networks Battery-Powered Applications