

LTC 4359 DATASHEET



This circuit uses the LTC4359 ideal diode controller for power ORing and reverse voltage protection.

It drives an N-channel MOSFET to allow current flow in the forward direction with minimal voltage drop while blocking reverse current, ensuring reliable supply selection and protection against reverse polarity.

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|---------|-----------------------------|
| PART | DigiKey Part Number |
| TVS | SMAJ30CALFCT-ND |
| LTC4359 | 505-LTC4359IDCB#TRMPBFCT-ND |
| NMOS | NDT3055LCT-ND |
| C1 | 399-C0805X473K1RECTUCT-ND |
| R1 | 541-1.00KCT-ND |

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Title: IDEAL DIODE – LTC4359

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