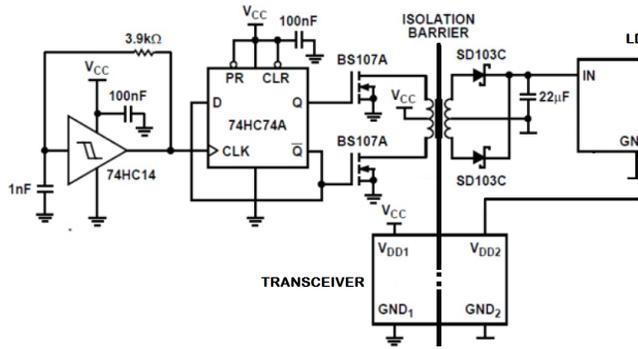


Aimtec's New Low Power Win Models

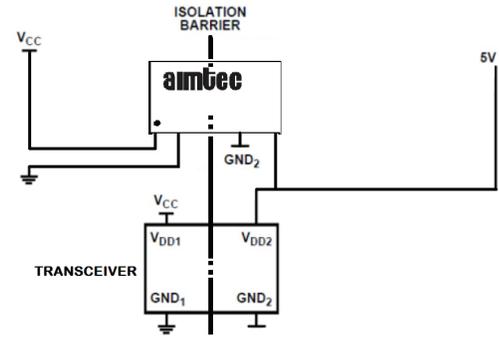
Our Best Discrete Solution Replacement

Modular vs Discrete: Isolated Power for RS-422/485 XVER

Typical Discrete Solution (13 Components)



Aimtec's Modular Solution



Benefits of Aimtec's Modular Solutions

- One component versus several components
- Time to market
- True-&-tested: Testing, Certifications, Reliability, Efficiencies, Availability
- Total cost of ownership (procurement/logistics, engineering resources, testing & certifications, manufacturing, etc)

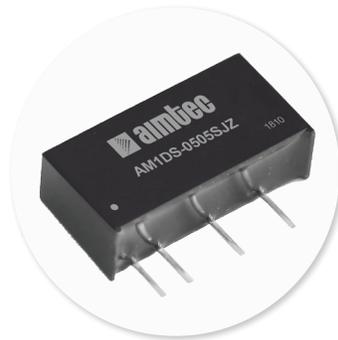
Galvanic isolation • Improved noise immunity • Isolated voltages • Opposite-polarity voltages



AM1DR-0505SJZ
SIP7



AM1LS-0505SJZ
SMD



AM1DS-0505SJZ
SIP7



AM1SS-0505SJZ
SIP4

Specifications

Aimtec Part	Efficiency	Load voltage regulation	Ripple & noise	Temperature coefficient	Operating temperature	Short circuit protection	I/O isolation	Dimensions
AM1SS-0505SJZ	82%	10% (10-100%load)	30mV (typ.)	±0.02	-40...+85 (full power), 80% at +105C	Continuous	1500VDC	11.60 x 10.16 x 6.00 mm
AM1DS-0505SJZ	82%	10% (10-100%load)	30mV (typ.)	±0.02	-40...+85 (full power), 80% at +105C	Continuous	1500VDC	19.65 x 6.00 x 10.16mm
AM1LS-0505SJZ	82%	10% (10-100%load)	30-75mV	±0.02	-40...+100 (full power), 80% at +105C	Continuous	1500VDC	13.20 x 11.40 x 7.25 mm
AM1DR-0505SJZ	70%	±1% (10-100%load), typ.	30-75mV (p-p, typ.)	±0.03	-40...+71 (full power), 60% at +85C	Continuous	1500VDC	19.65 x 6.00 x 10.16mm