Model 2282

S.I.TECH

Asynchronous Metallic Isolated Bit-Driver ®

POWER
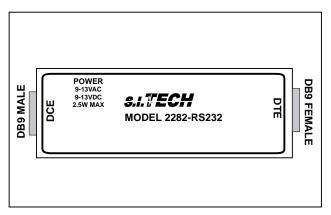**9-13VAC**
9-13VDC
2.5W MAX

s.i.TECH
MODEL 2282-RS232

DB9 MALE · DCE · DTE · DB9 FEMALE

The S.I.Tech Model 2282 is an optically isolated RS232 to RS232 converter. It combines connector to connector compatibility with outstanding performance characteristics. It supports full duplex transmission between compatible EDP equipment at speeds up to 115 Kbps.

Meets EIA - 232 - F and ITU V.28 Standards

FEATURES and SPECIFICATIONS

Interface: RS232 data with control lines
Connectors: DCE DB9-P (male), DTE DB9-S (female)
Data Rate: 0 to 115kbps (with R_L between 3kΩ and 7kΩ and C_L between 50PF and 1000PF)
Isolation: 1000VAC between the DTE port and the DCE and power ports
Power: 9 to 13VDC or 9 to 13VAC, 2.5 watts max.(Use S.I.Tech #2121 external power supply)
Temperature: 0 to 50°C
Weight: 10 oz (280 grams)
Size: 2-1/8" X 1-1/4" X 6-3/8" (54 X 32 X 162 mm)

RS - 232 DB-9 CONNECTOR PINS UTILIZED BY 2282 BIT DRIVER®

Pin No	Function	DCE	DTE
1	DCD	Output	Input
2	RD	Output	Input
3	TD	Input	Output
4	DTR	Input	Output
5	GND	*	DTE end
6	DSR	Output	Input
7	RTS	Input	Output
8	CTS	Output	Input
9	N/C		

* DCE pin 5 connected to Chassis

Meets FCC requirements of Class A, Part 15 Computing Devices Standard.
Specifications subject to change without notice.

(UL) CE

TYPICAL APPLICATION

POWER

PC DTE — RS 232 — DCE **S.I.TECH 2282** DTE — RS 232 — **DCE**