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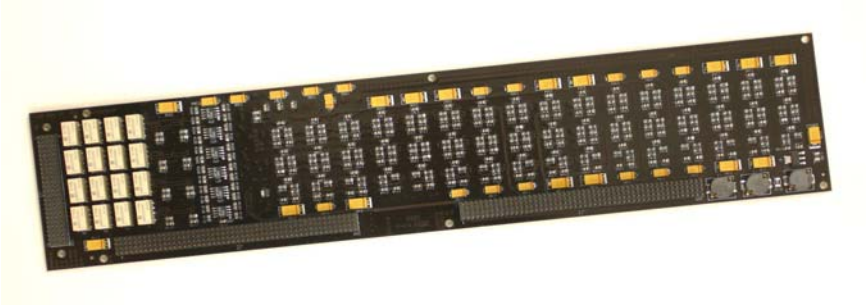
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Find the *Philips 335-2060-500* at our website: ***Click HERE***

RTD/DPPS



335-2060-500
Resistive Thermal Device/Digital Programmable Potentiometer Simulator Card

Features

- In RTD mode, a channel is wired as a simple resistor across the HIGH and WIPER lines
- In DPP mode, a channel is wired as a potentiometer across the HIGH, WIPER, and LOW lines
- Each channel has two programmable resistor banks in series configuration

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Summary

Phillips' Resistance Thermal Device (RTD)/Digital Programmable Potentiometer (DPP) Simulator card is a daughtercard module that plugs into a Phillips ICX carrier card. As such, the RTD/DPP Simulator Card is one of several plug-in modules that change the type and function of the ICX card in order to support different test interfaces.

The RTD/DPP Simulator card has 8 programmable resistors. Each channel can be configured as a resistive simulator, place in a high impedance off state, and the voltage on each line can be monitored. The RTD/DDP Simulator card configuration identifier is 0x08.

Specifications

I/O Control:

Configuration:	8 programmable resistance channels
Individual and independent control per channel	
Programmable range 30 Ohms to 2030 Ohms in 1.25 Ohm steps	
Voltage range:	+/-15V (30V0
Max continuous current:	+-50mA
Max Peak current:	+/-200mA (pulse at 1ms, 10% duty cycle)
Modes per channel:	Auto range resistance, manual range resistance, high impedance
I/O ESD Protection:	2kV per Method 3015.7

Loopback Inputs:

ADC resolution:	12-bits
Input range:	+/-50V
Least Significant Bit:	25mV

Environmental:

Operating temperature:	0 to 70 deg C
Storage temperature:	-55 to100 deg C
Relative humidity:	5 to 95% non-condensing

Ordering Information

Hardware

335-2020-500

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Extend the life of your critical industrial, commercial, and military systems with our superior service and support.

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