SYSTEMS INTEGRATED
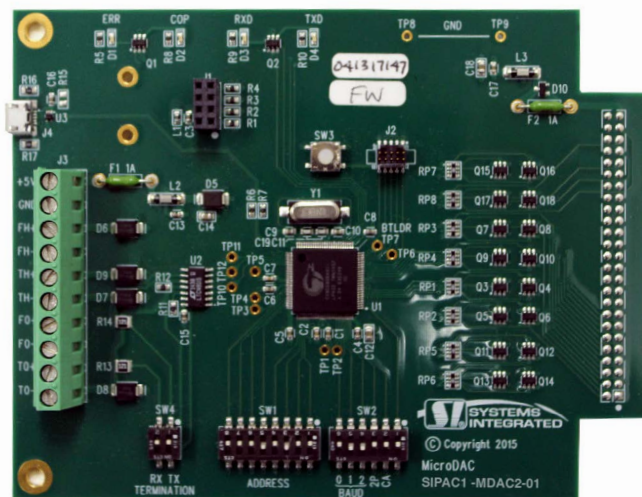*Innovative and Enduring Systems
Based on Published Standards*

MICRODAC: FIELD DATA COLLECTION PROCESSOR (FDCP)

FEATURES

- Intelligent Digital Processors
- Multi-drop Non-Routable High Speed Addressable Network
- Serial Data Link Operates at Selectable Baud Rates from 19.2 KBps to 4MBps
- Can be configured for either Multidrop or Repeat Mode Operation

SIPAC1-MDAC2-01

TECHNICAL INFORMATION

Specifications	SIPAC1-MDAC2-01
Power Requirements	Power 5 – 24 VDC @ .5 amps
Operating Temperature	0° C to 70° C, 95% humidity, non-condensing
Data Rates	19.2 KBps through 4 MBps
Range:	
Multidrop	Up to 5,000 feet total length with up to 32 FDCPs maximum per link.
Repeat Mode	Up to 5,000 feet between stations with up to 256 FDCPs maximum per link.
Communications	Full duplex, two twisted pairs, a signal common wire, and a shield
LEDs	Power, receive, and transmit Address (0 to 255) Baud rate
Jumper-selectable Options	Multidrop or repeat mode 2- or 4-pass protocol

Field Data Collection Processor (FDCP)

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