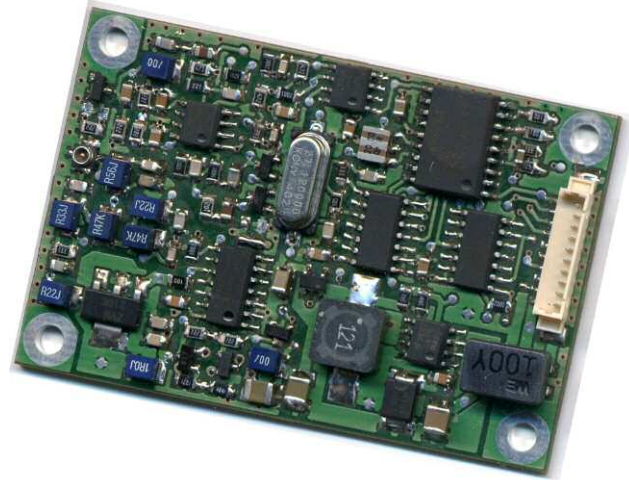


Medio P032/P033 Mid-Range OEM Readers



The TAGSYS Medio P032 and P033 are OEM boards for mid-range reading applications.

OVERVIEW

TAGSYS' Medio P032 and P033 are low cost 13.56MHz RFID OEM boards for mid-range read/write applications. These very small boards are easily embedded within a variety of terminals to enable you to deliver an integrated RFID item-level tracking solution that exceeds your customer's expectations.

The Medio P032 and P033 communicate using a RS232 TTL serial communication link and operate either in standard mode or in standalone mode. A single input and output can be used in either operating mode.

TAGSYS OEM - USING OUR RFID SOLUTIONS TO POWER YOUR PRODUCTS

For over 10 years, we've designed custom RFID tags, antennas and readers that have exceeded our customers' most demanding requirements.

We've worked with hundreds of companies to embed RFID item-level tracking into their systems. We know that by adding this capability to your products, you can offer unique advantages to deliver value-added services to your customers.

TAGSYS develops comprehensive multi-band RFID infrastructure for item-level tracking. This universal infrastructure includes purpose-built readers and tags, as well as RFID management software, all designed to work together seamlessly, at the highest performance levels, in the most demanding environments.

With a proven track record of delivering reliable production systems, TAGSYS has deployed over 200 million tags and 90,000 reader systems to over 500 customers in more than 40 countries.

More information on TAGSYS can be found at www.tagsysrfid.com.

TAGSYS USA
2005 South Easton Road
Suite 207
Doylestown, PA 18901
Phone: (+1) 267 882 4800

TAGSYS France
180 Chemin de Saint Lambert
13821 La Penne sur Huveaune
France
Phone : (+33) 4 91 27 57 00

TAGSYS Asia.
Unit A, 11/F, On Hing Building
1 On Hing Terrace
Central Hong Kong
Phone: +852 2526 8303

www.tagsysrfid.com

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T-M-P032P033-Datasheet-7Jul2009

PRODUCT SPECIFICATIONS

ELECTRICAL

OPERATING FREQUENCY:

13.56 MHz

PROTOCOLS SUPPORTED:

C210, C240, C270 (NXP ICODE 1), C370 (NXP SLI, ISO 15693)

RF OUTPUT POWER:

1 Watt

COMMUNICATION INTERFACE:

RS232 TTL

COMMUNICATION SPEED:

From 4800 to 115200 bps

COMMUNICATION PROTOCOL:

TAGSYS STX-E

OPERATING MODES:

Standalone mode ASCII Protocol, User Configurable
Standard mode TAGSYS STX-E Serial Communication Protocol

GENERAL PURPOSE INPUT/OUTPUT (IO):

1 input and 1 output

POWER SUPPLY:

10 to 24 VDC

MECHANICAL

DIMENSIONS:

P032: 60 x 40 x 5mm (2.36 x 1.57 x 1.96 in)

P033: 60 x 40 x 1.8mm (2.36 x 1.57 x 0.08 in)

WEIGHT:

13 g (0.46 oz)

OPERATING TEMPERATURE:

0°C to 85°C (32°F to 185°F)

SOFTWARE

CONFIGURATION TOOL:

Px Explorer

SDK:

Medio STX DLLs Package
Java Package

ADDITIONAL FEATURES

P032 delivered with connector to facilitate plugin on host board