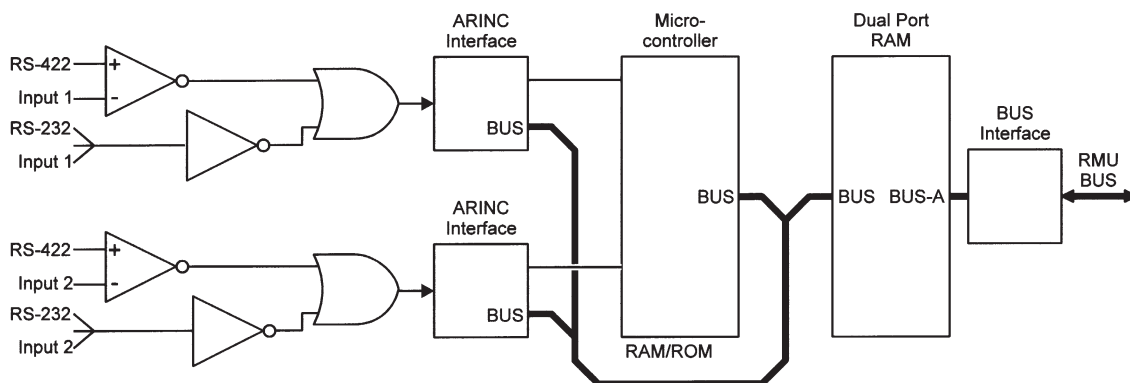




DESCRIPTION

The MSC1000-014 accepts either two RS-232 or two RS-422 inputs from external sources for insertion into the RMU PCM stream. The module contains protocol handling capabilities that allow it to dissect an input data stream which contains a "header" or sync pattern and allow the user to define the input words as channels in the output frame.

FEATURES

- Two channels in a single slot module
- RS-232 or RS-422 electrical inputs, programmable per channel
- Programmable baud rate, character size, stop bits, and parity for each channel
- Programmable word selection for PCM stream

ELECTRICAL CHARACTERISTICS

- RS-232/RS-422 electrical inputs, programmable per channel
- Buffer size: 2046 bytes per channel
- Stop bits: 1 or 2, programmable per channel
- Bits per character: 5, 6, 7, or 8, programmable per channel.
- Baud rate: $1.152 \text{ Mhz} / N$ (where N is a 16-bit integer value), programmable per channel. The practical maximum baud rate is 19.2 kbps (38.4 Kbps for single)
- Parity: Even, odd, none, programmable per channel
- Output: 8 bits per PCM word + Status Word
- Sync pattern: Up to 6 bytes of non-recurring data pattern
- Maximum file length is 2047 bytes including Sync and Status

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