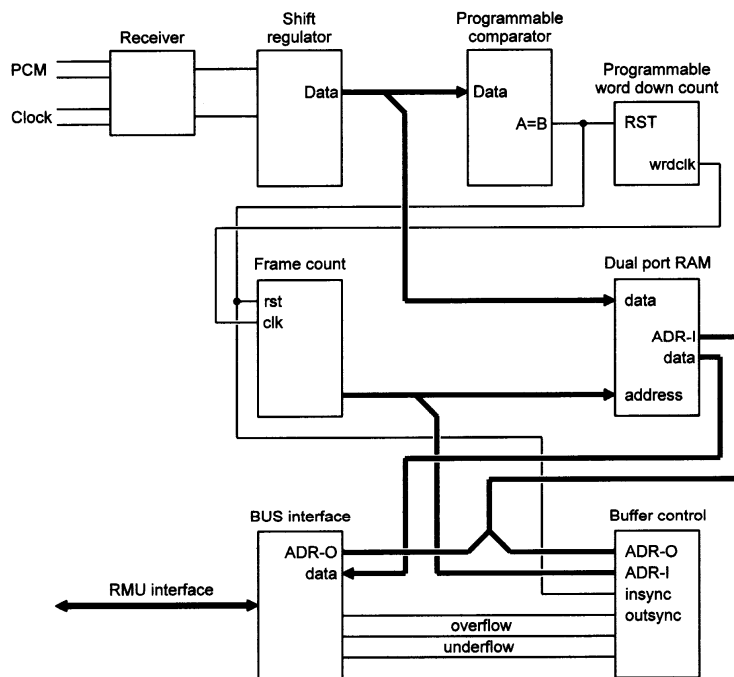


Airborne Telemetry

MSC1000-015 PCM Data Decoder Module Airborne Data Acquisition Products



FEATURES

- Up to 4096 words per buffer
- Accepts NRZ-L or RNRZ-L and zero phase clock
- Normal or inverted data
- Programmable input word length: 8, 10, 12, or 16 bits per words
- Programmable frame sync pattern, up to three (3) consecutive words

DESCRIPTION

The MSC1000-015 accepts a PCM stream from another external source and stores the data for insertion into the RMU PCM stream. This allows for the integration of existing instrumentation into the MicroDAS output.



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ELECTRICAL CHARACTERISTICS

Input Characteristics

- Per RS-422 standard
- Maximum buffer size: 4094 words
- Accepts NRZ-L or RNRZ-Land zero phase clock
- Data polarity: Normal or inverted

Output

- Input data aligned to occupy the most significant portion of output data word if input word is shorter than output word

Miscellaneous

- Programmable input word length:8, 10, 12 or 16 bits per word
- Programmable frame sync pattern, up to three consecutive words

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