

## Bus Extender Module ASIC (BEXM)



SCL Part No.

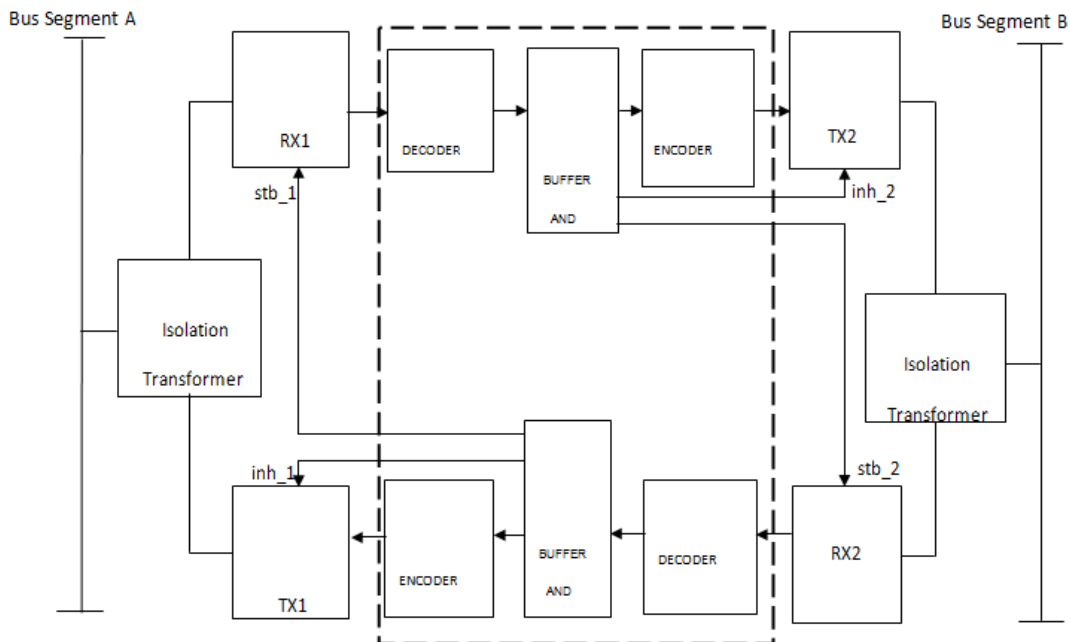
SC1106

### PRODUCT DESCRIPTION:

BEXM-RPTR is used to extend the length of the 1553B bus by means of regenerating the signal using Decoder-Encoder controller circuitry implemented.

### FEATURES:

- Power Supply Core:1.8V, I/O:3.3V
- Clock Frequency 12 MHz
- Number of I/Os 16
- Types of I/Os 3.3V CMOS
- Power Dissipation 10 mW at 12 MHz
- Operating Temperature -55°C to 125°C
- Power Consumption 800 mW (max)
- Testability: Scan & Functional
- ESD Sensitivity 2KV HBM
- 64 pins Ceramic Quad Flat Package
- SCL's 180nm CMOS Technology



Functional Block Diagram