

# MIB238

MULTIPURPOSE INTERFACE BOARD

TECHNICAL  
SERVICE BULLETIN

JL-MIB238-02  
REVISION A  
3/11/2021

SUBJECT: ADDING /INT (INTERRUPT) LINE FOR BUFFERING CAPABILITY

AFFECTED PRODUCT: MIB238 VERSION 5 GERBERS OR PRIOR

## ISSUE DESCRIPTION:

MIB238 boards purchased from John Lundy prior to 3/1/2021 or any person who has built their own from Eric Person's GitHub project gerbers V5 or prior can be modified to achieve new higher modem speeds.

## CORRECTIVE ACTION:

To take advantage of buffering for modem speeds greater than 4800 baud, this modification must be performed. Tests have shown that modem speeds of 19.2K baud are now possible breaking the 4800 baud limit of all previous ADAM serial cards. It requires adding a jumper wire from the /INT finger (4<sup>th</sup> from left) on the top side of the board to the /INT pin (pin-21) on the bottom side of the board of the DUART (IC2).

It is recommend to use wire wrapping wire for it's size and also adding a sticker or fine tip sharpie with "/INT" placed on the top side of the board just below the DUART for future reference. If you don't have the necessary soldering skills to perform this modification, John Lundy is offering an update service.

**To take advantage of this new buffering capability for faster speeds, software specifically designed for this must be used. Eric Pearson has written a terminal program called TELETERM MIB and is available on his MIB238 github page.**

<https://github.com/epearsoe/MIB238/tree/main/Documentation/Media>

