

Product Discontinuation Notice

Date: Apr 6, 2020

PDN. No: 2004001

Circuit Design will discontinue the following product

Product:

MU-2-R 434 MHz

Reason:

MU-2-R 434 MHz contains obsolete components involving RFIC and MCU. Circuit Design decided to re-design the module, which is equivalent to the MU-2-R 434 MHz. The re-designed model will have new model name MU-4 434 MHz.

Replacement product:

MU-4 434 MHz

- This model is compatible with the MU-2-R 434 MHz with regards to mechanical size, pin layout, electrical and RF specifications with some differences:
 - MU-2-R 434 MHz receiver sensitivity is -110 dBm with 0.1% packet error (255 bytes per packet) and MU-4 434 MHz receiver sensitivity is -111 dBm with 0.1% bit error
 - Pins “AFM” and “RSSI” changed to “NC” (no connection)
 - Ramping added to the TX function (see attached)

Schedule:

- Last order date for the MU-2-R 434 MHz is end of Sept. 2020.
Last shipment date from Circuit Design is end of March 2021.
* Due to stock situation, Circuit Design may not be able to accept all quantities ordered.
- MU-4 434 MHz
Engineering samples are available now.
The production starts in October 2020.

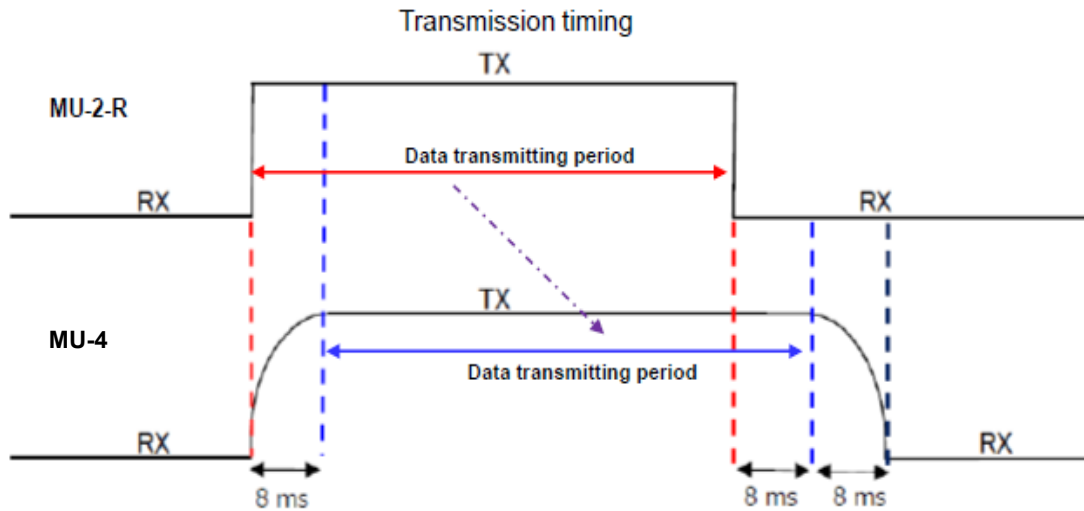
Stock Status

Contact Circuit Design

Attachment: Comparison between MU-2-R 434 MHz and MU-4 434 MHz with TX ramping function

Comparison between MU-2-R 434 MHz and MU-4 434 MHz - Ramping during TX

A delay of 8ms at the start of transmission is present in the MU-4 434 MHz in order to improve RF characteristics during transition period.



Due to this feature, it is not possible to mix MU-2-R and MU-4 434 MHz models when using the ACK or relay function. Please use one type in the system if the relay or ACK function is used. For systems without ACK or relay, it is possible to use both MU-2-R and MU-4 434 MHz together.