

# XM/XR LDO Voltage Regulator Evaluation Modules

X-MWblock

## Product Overview

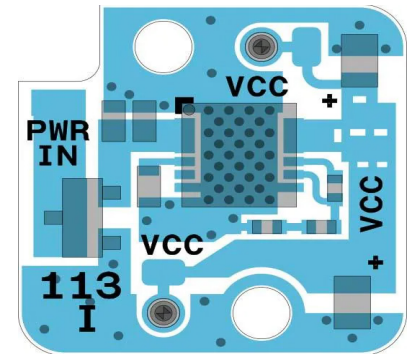
07/02/2024

For the most up-to-date information, visit [www.mouser.com](http://www.mouser.com) or the supplier's website.

## Description

X-Microwave XM/XR LDO Voltage Regulator Evaluation Modules are designed to evaluate LDO voltage regulators from Texas Instruments and Analog Devices. The XR evaluation modules are RoHS compliant.

The X-MWblock LDO voltage regulator evaluation boards are used in communications, medical and healthcare, instrumentation, and industrial applications.



## Applications

- Medical and healthcare:
  - Imaging
  - Diagnostics
- Communication:
  - Telecom
  - Wireless infrastructure
- Precision converters
- RF power supplies

## List of Parts

| MOUSER PART NUMBERS<br><i>(All XR part numbers are RoHS-compliant)</i> | PRODUCT DESCRIPTION                                               |
|------------------------------------------------------------------------|-------------------------------------------------------------------|
| <a href="#">433-XM-A2J4-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J4-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2J5-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J5-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2J6-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J6-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2J7-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J7-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2J8-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J8-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2J9-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2J9-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2K1-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2K1-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A2R9-0404D-SP</a>                                   | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins        |
| <a href="#">433-XR-A2R9-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A413-0404D-SP</a>                                   | LDO Voltage Regulators LT3045EDD#TRPBF<br>[PCB: 1962] Spring Pins |
| <a href="#">433-XR-A413-0404D-SP</a>                                   |                                                                   |
| <a href="#">433-XM-A414-0404D-SP</a>                                   | LDO Voltage Regulators LT3045EDD#TRPBF<br>[PCB: 1962] Spring Pins |
| <a href="#">433-XR-A414-0404D-SP</a>                                   |                                                                   |

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| <a href="#">433-XM-A492-0304D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 2016] Spring Pins                                            |
| <a href="#">433-XR-A492-0304D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A494-0604D-SP</a> | LDO Voltage Regulators , LT3045EDD#TRPBF                                                                      |
| <a href="#">433-XR-A494-0604D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A4E3-0404D-SP</a> | LDO Voltage Regulators Voltage Regulator,<br>LP38798 [PCB: 0113] Spring Pins                                  |
| <a href="#">433-XR-A4E3-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A6E9-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins                                                    |
| <a href="#">433-XR-A6E9-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A6K2-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins                                                    |
| <a href="#">433-XR-A6K2-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XR-A6K5-0819D-SP</a> | LDO Voltage Regulators, ADM7150ACPZ-3.3-R7<br>[PCB: 487] Control Board for Modulator,<br>ADRF6720 Spring Pins |
| <a href="#">433-XM-A6K7-0404D-SP</a> | LDO Voltage Regulators, LP38798SD [PCB: 113]<br>Spring Pins                                                   |
| <a href="#">433-XR-A6K7-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A7A1-0404D-SP</a> | LDO Voltage Regulators, ADM7150ACPZ-5.0-R7<br>[PCB: 0360] Spring Pins                                         |
| <a href="#">433-XR-A7A1-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A7A7-0409D-SP</a> | LDO Voltage Regulators, ADP7182ACPZ-R7<br>[PCB: 0423] Spring Pins                                             |
| <a href="#">433-XR-A7A7-0409D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A7U1-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins                                                    |
| <a href="#">433-XR-A7U1-0404D-SP</a> |                                                                                                               |
| <a href="#">433-XM-A9H4-0604D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 0812] Spring Pins                                            |
| <a href="#">433-XR-A9H4-0604D-SP</a> |                                                                                                               |

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| <a href="#">433-XM-A9S3-0409D-SP</a> | LDO Voltage Regulators, ADP7182ACPZ [PCB: 0917] Spring Pins                        |
| <a href="#">433-XR-A9S3-0409D-SP</a> |                                                                                    |
| <a href="#">433-XM-B123-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113] Spring Pins                            |
| <a href="#">433-XR-B123-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B124-0404D-SP</a> | LDO Voltage Regulators, LP38798SD [PCB: 534] Spring Pins                           |
| <a href="#">433-XR-B124-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B1V7-0604D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7 [PCB: 0435] Spring Pins                    |
| <a href="#">433-XR-B1V7-0604D-SP</a> |                                                                                    |
| <a href="#">433-XM-B1X6-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF [PCB: 1925] Spring Pins                    |
| <a href="#">433-XR-B1X6-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B2Y3-0407D-SP</a> | LDO Voltage Regulators, ADP7182ACPZ-R7 [PCB: 1964] Spring Pins                     |
| <a href="#">433-XR-B2Y3-0407D-SP</a> |                                                                                    |
| <a href="#">433-XM-B5G7-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113] Spring Pins                            |
| <a href="#">433-XR-B5G7-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B7P9-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113] Spring Pins                            |
| <a href="#">433-XR-B7P9-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B9D7-0604D-SP</a> | LDO Voltage Regulators, ADP7182ACPZN-R7 [PCB: 1905] Spring Pins                    |
| <a href="#">433-XR-B9D7-0604D-SP</a> |                                                                                    |
| <a href="#">433-XM-B9F2-0404D-SP</a> | LDO Voltage Regulators, LP38798SD [PCB: 1694] Access to LDO Enable Pin Spring Pins |
| <a href="#">433-XR-B9F2-0404D-SP</a> |                                                                                    |
| <a href="#">433-XM-B9K6-0807D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF [PCB: 1568] Spring Pins                    |
| <a href="#">433-XR-B9K6-0807D-SP</a> |                                                                                    |

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| <a href="#">433-XM-C2U9-0404D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7                                    |
| <a href="#">433-XR-C2U9-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C3T4-0409D-SP</a> | LDO Voltage Regulators, ADP7182ACPZ-R7                                     |
| <a href="#">433-XR-C3T4-0409D-SP</a> |                                                                            |
| <a href="#">433-XM-C3Y5-0404D-SP</a> | LDO Voltage Regulators, LT3045 [PCB: 1357] 7V<br>VREGLow Noise Spring Pins |
| <a href="#">433-XR-C3Y5-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C588-0604D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7<br>[PCB: 1726] Spring Pins         |
| <a href="#">433-XR-C588-0604D-SP</a> |                                                                            |
| <a href="#">433-XM-C6A7-0604D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7                                    |
| <a href="#">433-XR-C6A7-0604D-SP</a> |                                                                            |
| <a href="#">433-XM-C7J8-0404D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 0113]<br>Spring Pins                 |
| <a href="#">433-XR-C7J8-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C7Y8-0609D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 1692] Spring Pins         |
| <a href="#">433-XR-C7Y8-0609D-SP</a> |                                                                            |
| <a href="#">433-XM-C811-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 1598] Spring Pins         |
| <a href="#">433-XR-C811-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C8M9-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 1940] Spring Pins         |
| <a href="#">433-XR-C8M9-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C9F9-0404D-SP</a> | LDO Voltage Regulators, LP38798SD-ADJ/<br>NOPB                             |
| <a href="#">433-XR-C9F9-0404D-SP</a> |                                                                            |
| <a href="#">433-XM-C9G5-0804D-SP</a> | LDO Voltage Regulators, ADP7182ACPZ-R7<br>[PCB: 0950] Spring Pins          |
| <a href="#">433-XR-C9G5-0804D-SP</a> |                                                                            |

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| <a href="#">433-XM-C9G6-0716D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF<br>[PCB: 1710] Bias for XM-C9G7-0824D<br>(MA4AGSW5) Spring Pins |
| <a href="#">433-XR-C9G6-0716D-SP</a> |                                                                                                         |
| <a href="#">433-XM-C9M7-0405D-SP</a> | LDO Voltage Regulators, LP38798 [PCB: 1848]<br>Spring Pins                                              |
| <a href="#">433-XR-C9M7-0405D-SP</a> |                                                                                                         |
| <a href="#">433-XM-C9M8-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-C9M8-0404D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D146-0609D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7                                                                 |
| <a href="#">433-XR-D146-0609D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D183-0404D-SP</a> | LDO Voltage Regulators, LP38798SD-ADJ/<br>NOPB                                                          |
| <a href="#">433-XR-D183-0404D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D193-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-D193-0404D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D195-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-D195-0404D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D1A3-0807D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-D1A3-0807D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D1B6-0404D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-D1B6-0404D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D1T5-0604D-SP</a> | LDO Voltage Regulators, ADP7142ACPZN-R7                                                                 |
| <a href="#">433-XR-D1T5-0604D-SP</a> |                                                                                                         |
| <a href="#">433-XM-D254-0304D-SP</a> | LDO Voltage Regulators, LT3045EDD#TRPBF                                                                 |
| <a href="#">433-XR-D254-0304D-SP</a> |                                                                                                         |

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| <a href="#">433-XM-D4D8-0304D-SP</a> | LDO Voltage Regulators, LT3045 [PCB: 2016]<br>Spring Pins    |
| <a href="#">433-XR-D4D8-0304D-SP</a> |                                                              |
| <a href="#">433-XM-A4H4-0609D</a>    | Amplifier IC Development Tools Comparators,<br>HMC874LC3CSMT |
| <a href="#">433-XR-A4H4-0609D</a>    |                                                              |

## Product Microsites

To learn more, visit:

- <https://www.mouser.com/new/x-microwave/x-microwave-adi-devices/>
- <https://www.mouser.com/new/texas-instruments/ti-lp38798-linear-regulator/>
- <https://www.mouser.com/new/analog-devices/adi-lt304x-psrr-regulators/>
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