

RF Development Tools

Attenuators

Product Overview

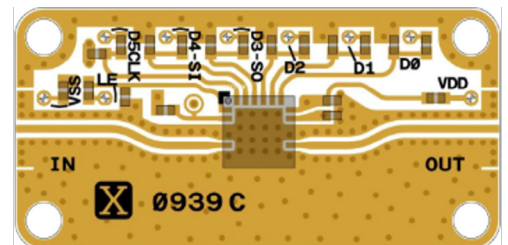
06/17/2025

For the most up-to-date information, visit www.mouser.com or the supplier's website.

Description

Quantic X-Microwave RF Development Tools are designed to evaluate attenuators from Mini-Circuits, Analog Devices, and Qorvo. The XR parts are RoHS compliant.

The RF development tools are used in applications such as space, sensors, military radios, fiber optics, and radars.



Applications

- Space
- Sensors
- Military radios
- Fiber optics
- Radars

List of Parts

MOUSER PART NUMBERS	PRODUCT DESCRIPTION
433-XM-A216-0204D	RF Development Tools Attenuator, TS0900SMTF [PCB: 8]
433-XM-A217-0204D	RF Development Tools Attenuator, TS0901SMTF [PCB: 8]
433-XM-A218-0204D	RF Development Tools Attenuator, TS0902SMTF [PCB: 8]
433-XM-A219-0204D	RF Development Tools Attenuator, TS0903SMTF [PCB: 8]
433-XM-A221-0204D	RF Development Tools Attenuator, TS0904SMTF [PCB: 8]
433-XM-A222-0204D	RF Development Tools Attenuator, TS0905SMTF [PCB: 8]
433-XM-A223-0204D	RF Development Tools Attenuator, TS0906SMTF [PCB: 8]
433-XM-A224-0204D	RF Development Tools Attenuator, TS0907SMTF [PCB: 8]
433-XM-A225-0204D	RF Development Tools Attenuator, TS0908SMTF [PCB: 8]
433-XM-A226-0204D	RF Development Tools Attenuator, TS0909SMTF [PCB: 8]
433-XM-A227-0204D	RF Development Tools Attenuator, TS0910SMTF [PCB: 8]
433-XM-A241-0204D	RF Development Tools Attenuator, RCAT-12+ [PCB: 0007]
433-XM-A242-0204D	RF Development Tools Attenuator, RCAT-15+ [PCB: 0007]
433-XM-A2C5-0204D	RF Development Tools Attenuator, A-0805-C-00DB [PCB: 0070]

433-XM-A2C6-0204D	RF Development Tools Attenuator, A-0805-C-01DB [PCB: 0070]
433-XM-A2C7-0204D	RF Development Tools Attenuator, A-0805-C-02DB [PCB: 0070]
433-XM-A2C8-0204D	RF Development Tools Attenuator, A-0805-C-03DB [PCB: 0070]
433-XM-A2C9-0204D	RF Development Tools Attenuator, A-0805-C-04DB [PCB: 0070]
433-XM-A2D1-0204D	RF Development Tools Attenuator, A-0805-C-05DB [PCB: 0070]
433-XM-A2D2-0204D	RF Development Tools Attenuator, A-0805-C-06DB [PCB: 0070]
433-XM-A2D3-0204D	RF Development Tools Attenuator, A-0805-C-07DB [PCB: 0070]
433-XM-A2D4-0204D	RF Development Tools Attenuator, A-0805-C-08DB [PCB: 0070]
433-XM-A2D5-0204D	RF Development Tools Attenuator, A-0805-C-09DB [PCB: 0070]
433-XM-A2D6-0204D	RF Development Tools Attenuator, A-0805-C-10DB [PCB: 0070]
433-XM-A352-0404D	RF Development Tools Voltage Variable Attenuators, MAAT-010521SMT
433-XM-A361-0204D	RF Development Tools Attenuator, A-0402WA-C-01DB [PCB: 0223]
433-XM-A362-0204D	RF Development Tools Attenuator, A-0402WA-C-02DB [PCB: 0223]
433-XM-A363-0204D	RF Development Tools Attenuator, A-0402WA-C-03DB [PCB: 0223]
433-XM-A364-0204D	RF Development Tools Attenuator, A-0402WA-C-04DB [PCB: 0223]

433-XM-A365-0204D	RF Development Tools Attenuator, A-0402WA-C-05DB [PCB: 0223]
433-XM-A366-0204D	RF Development Tools Attenuator, A-0402WA-C-06DB [PCB: 0223]
433-XM-A368-0204D	RF Development Tools Attenuator, A-0402WA-C-08DB [PCB: 0223]
433-XM-A369-0204D	RF Development Tools Attenuator, A-0402WA-C-09DB [PCB: 0223]
433-XM-A371-0204D	RF Development Tools Attenuator, A-0402WA-C-10DB [PCB: 0223]
433-XM-A3C7-0204D	RF Development Tools Attenuator, KFA00.00-6SMTF [PCB: 321]
433-XM-A3C8-0204D	RF Development Tools Attenuator, KFA01.00-6SMTF [PCB: 321]
433-XM-A3C9-0204D	RF Development Tools Attenuator, KFA02.00-6SMTF [PCB: 321]
433-XM-A3D1-0204D	RF Development Tools Attenuator, KFA03.00-6SMTF [PCB: 321]
433-XM-A3D2-0204D	RF Development Tools Attenuator, KFA04.00-6SMTF [PCB: 321]
433-XM-A3D3-0204D	RF Development Tools Attenuator, KFA05.00-6SMTF [PCB: 321]
433-XM-A3D4-0204D	RF Development Tools Attenuator, KFA06.00-6SMTF [PCB: 321]
433-XM-A3D8-0204D	RF Development Tools Attenuator, KFA10.00-6SMTF [PCB: 321]
433-XM-A3K7-0604D	RF Development Tools Digital Step Attenuators, PE43705
433-XM-A3K8-0604D	RF Development Tools Digital Step Attenuators, PE43712

433-XM-A3K9-0604D	RF Development Tools Digital Step Attenuators, PE43713
433-XM-A3Y8-0404D	RF Development Tools Voltage Variable Attenuators, MAAV-011013SMT
433-XM-A5D6-0604D	RF Development Tools Digital Step Attenuator, HMC1018ALP4E [PCB: 0432]Recommended Bias Controller: XM-A769-0604D-SP
433-XM-A5D7-0604D	RF Development Tools Digital Step Attenuator, HMC1019ALP4E [PCB: 0432]Recommended Bias Controller: XM-A769-0604D-SP
433-XM-A5M8-0204D	RF Development Tools Attenuator, HMC652LP2E [PCB: 372]
433-XM-A5M9-0204D	RF Development Tools Attenuator, HMC653LP2E [PCB: 372]
433-XM-A5N1-0204D	RF Development Tools Attenuator, HMC654LP2E [PCB: 372]
433-XM-A5N2-0204D	RF Development Tools Attenuator, HMC656LP2E [PCB: 372]
433-XM-A5N3-0204D	RF Development Tools Attenuator, HMC657LP2E [PCB: 372]
433-XM-A5N4-0204D	RF Development Tools Attenuator, HMC658LP2E [PCB: 372]
433-XM-A5R7-0404D	RF Development Tools Voltage Variable Attenuators, HMC973ALP3ESMT
433-XM-A689-0604D	RF Development Tools Digital Step Attenuator, HMC424ALP3E [PCB: 1089]Recommended Bias Controller: XM-B2G9-0604D-SP
433-XM-A6A7-0604D	RF Development Tools Digital Step Attenuator, HMC540SLP3E [PCB: 1087]Recommended Bias Controller: XM-B2J2-0604D-SP

433-XM-A6E3-0604D	RF Development Tools Digital Step Attenuator, HMC939ALP4E [PCB: 0671]Recommended Bias Controller: XM-B128-0604D-SP
433-XM-A6E4-0604D	RF Development Tools Digital Step Attenuator, HMC941ALP4E [PCB: 0671]Recommended Bias Controller: XM-B129-0604D-SP
433-XM-A7D2-0404D	RF Development Tools Digital Step Attenuators, F1953
433-XM-A7D3-0404D	RF Development Tools Digital Step Attenuators, F1912
433-XM-A7D4-0604D	RF Development Tools Digital Step Attenuators, F1956
433-XM-A7D5-0404D	RF Development Tools Voltage Variable Attenuators, F2250NLGKSMT
433-XM-A7D6-0404D	RF Development Tools Voltage Variable Attenuators, F2255NLGKSMT
433-XM-A7M1-0604D	RF Development Tools Digital Step Attenuators, MAAD-011021
433-XM-A9P5-0404D	RF Development Tools Voltage Variable Attenuators, HMC812ALC4SMT
433-XM-B1C5-0604D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 0833]Serial ControlRecommended Bias Controller: XM-B1C6-0604D-SP
433-XM-B1K4-0204D	RF Development Tools Attenuator, HMC655LP2E [PCB: 372]
433-XM-B1K5-0404D	RF Development Tools Voltage Variable Attenuators, HMC712ALP3CESMT
433-XM-B1M3-0604D	RF Development Tools Digital Step Attenuator, ADRF5720BCCZN [PCB: 0833]Serial ControlRecommended Bias Controller: XM-B1M6-0604D-SP

433-XM-B1M4-0204D	RF Development Tools TVA, WTVA0300N07SMTF [PCB: 845]
433-XM-B1T3-0204D	RF Development Tools TVA, WTVA0200N07SMTF [PCB: 845]
433-XM-B1T4-0204D	RF Development Tools TVA, WTVA0400N07SMTF [PCB: 845]
433-XM-B1T5-0204D	RF Development Tools TVA, WTVA0600N07SMTF [PCB: 845]
433-XM-B1X5-0404D	RF Development Tools Voltage Variable Attenuator, RFSA2113 [PCB: 1196]Recommended Bias Controller: XM-B1X6-0404D-SP
433-XM-B2E1-0804D	RF Development Tools Digital Step Attenuator, HMC1119 [PCB: 1086]Recommended Bias Controller: XM-B2E4- 0804D-SP
433-XM-B2J3-0804D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 0939]Parallel Mode ConfigurationRecommended Bias Controller: XM-B2J4- 0804D-SP
433-XM-B2R5-0604D	RF Development Tools Digital Step Attenuator, HMC1122LP4ME [PCB: 1278]Recommended Bias Controller: XM-B814-0604D-SP
433-XM-B4W1-0204D	RF Development Tools Attenuator, KAT-0+ [PCB: 0372]
433-XM-B4W2-0204D	RF Development Tools Attenuator, KAT-1+ [PCB: 0372]
433-XM-B4W3-0204D	RF Development Tools Attenuator, KAT-2+ [PCB: 0372]
433-XM-B4W4-0204D	RF Development Tools Attenuator, KAT-3+ [PCB: 0372]
433-XM-B4W5-0204D	RF Development Tools Attenuator, KAT-4+ [PCB: 0372]

433-XM-B4W6-0204D	RF Development Tools Attenuator, KAT-5+ [PCB: 0372]
433-XM-B4W7-0204D	RF Development Tools Attenuator, KAT-6+ [PCB: 0372]
433-XM-B4W8-0204D	RF Development Tools Attenuator, KAT-7+ [PCB: 0372]
433-XM-B4W9-0204D	RF Development Tools Attenuator, KAT-8+ [PCB: 0372]
433-XM-B4Y1-0204D	RF Development Tools Attenuator, KAT-9+ [PCB: 0372]
433-XM-B4Y2-0204D	RF Development Tools Attenuator, KAT-10+ [PCB: 0372]
433-XM-B4Y3-0204D	RF Development Tools Attenuator, KAT-12+ [PCB: 0372]
433-XM-B4Y4-0204D	RF Development Tools Attenuator, KAT-15+ [PCB: 0372]
433-XM-B4Y5-0204D	RF Development Tools Attenuator, KAT-20+ [PCB: 0372]
433-XM-B4Y6-0204D	RF Development Tools Attenuator, KAT-30+ [PCB: 0372]
433-XM-B5E9-0204D	RF Development Tools Attenuator, TS0300W3 [PCB: 1246]
433-XM-B5F1-0204D	RF Development Tools Attenuator, TS0301W3 [PCB: 1246]
433-XM-B5F2-0204D	RF Development Tools Attenuator, TS0302W3 [PCB: 1246]
433-XM-B5F3-0204D	RF Development Tools Attenuator, TS0303W3 [PCB: 1246]
433-XM-B5F4-0204D	RF Development Tools Attenuator, TS0304W3 [PCB: 1246]
433-XM-B5F5-0204D	RF Development Tools Attenuator, TS0305W3 [PCB: 1246]

433-XM-B5F6-0204D	RF Development Tools Attenuator, TS0306W3 [PCB: 1246]
433-XM-B5F7-0204D	RF Development Tools Attenuator, TS0308W3 [PCB: 1246]
433-XM-B5F8-0204D	RF Development Tools Attenuator, TS0310W3 [PCB: 1246]
433-XM-B5F9-0204D	RF Development Tools Attenuator, TS0320W3 [PCB: 1246]
433-XM-B5G2-0604D	RF Development Tools Digital Step Attenuator, HMC624ALP4E [PCB: 1081]Recommended Bias Controller: XM-B5G3-0604D-SP
433-XM-B5G5-0204D	RF Development Tools TVA, MTVA0600N09 [PCB: 713]
433-XM-B5V4-0204D	RF Development Tools TVA, MTVA0200N09W3 [PCB: 713]
433-XM-B5V7-0204D	RF Development Tools Attenuator, CA0505D-01 [PCB: 710]
433-XM-B5V9-0204D	RF Development Tools Attenuator, CA0505D-03 [PCB: 710]
433-XM-B5Y1-0204D	RF Development Tools Attenuator, CA0505D-04 [PCB: 710]
433-XM-B5Y2-0204D	RF Development Tools Attenuator, CA0505D-05 [PCB: 710]
433-XM-B5Y3-0204D	RF Development Tools Attenuator, CA0505D-06 [PCB: 710]
433-XM-B6A3-0204D	RF Development Tools Attenuator, TS0600F [PCB: 1237]
433-XM-B6A4-0204D	RF Development Tools Attenuator, TS0601F [PCB: 1237]
433-XM-B6A5-0204D	RF Development Tools Attenuator, TS0602F [PCB: 1237]
433-XM-B6A6-0204D	RF Development Tools Attenuator, TS0603F [PCB: 1237]

433-XM-B6A7-0204D	RF Development Tools Attenuator, TS0604F [PCB: 1237]
433-XM-B6A8-0204D	RF Development Tools Attenuator, TS0605F [PCB: 1237]
433-XM-B6A9-0204D	RF Development Tools Attenuator, TS0606F [PCB: 1237]
433-XM-B6B1-0204D	RF Development Tools Attenuator, TS0607F [PCB: 1237]
433-XM-B6B2-0204D	RF Development Tools Attenuator, TS0608F [PCB: 1237]
433-XM-B6B3-0204D	RF Development Tools Attenuator, TS0609F [PCB: 1237]
433-XM-B6B4-0204D	RF Development Tools Attenuator, TS0610F [PCB: 1237]
433-XM-B6B5-0204D	RF Development Tools Attenuator, TS0611F [PCB: 1237]
433-XM-B6B6-0204D	RF Development Tools Attenuator, TS0612F [PCB: 1237]
433-XM-B6C1-0204D	RF Development Tools Attenuator, TS0620F [PCB: 1237]
433-XM-B6E4-0404D	RF Development Tools Digital Step Attenuators, QPC3223
433-XM-B6E5-0604D	RF Development Tools Digital Step Attenuator, RFSA3413 [PCB: 1181]Recommended Bias Controller: XM-B129-0604D-SP
433-XM-B6E6-0604D	RF Development Tools Digital Step Attenuators, RFSA3513
433-XM-B6E7-0604D	RF Development Tools Digital Step Attenuators, RFSA3613
433-XM-B6E8-0604D	RF Development Tools Digital Step Attenuators, RFSA3713
433-XM-B6E9-0804D	RF Development Tools Digital Step Attenuators, RFSA3714

433-XM-B6F1-0604D	RF Development Tools Digital Step Attenuators, RFSA3715
433-XM-B6H3-0404D	RF Development Tools Voltage Variable Attenuators, RFSA2013SMT
433-XM-B6H4-0404D	RF Development Tools Voltage Variable Attenuators, RFSA2033SMT
433-XM-B6H5-0404D	RF Development Tools Voltage Variable Attenuator, RFSA2113 [PCB: 1196] Recommended Bias Controller: XM-B1X6-0404D-SP
433-XM-B6J7-0604D	RF Development Tools Digital Step Attenuator, ADRF5731BCCZN [PCB: 1172] Recommended Bias Controller: XM-B1M6-0604D-SP
433-XM-B6J8-0604D	RF Development Tools Digital Step Attenuator, ADRF5721BCCZN [PCB: 1172] Serial Mode Recommended Bias Controller: XM-B1M6-0604D-SP
433-XM-B7E8-0204D	RF Development Tools Attenuator, TS0403W3 [PCB: 711]
433-XM-B7K8-0404D	RF Development Tools Attenuator, GAT-3+ [PCB: 1030]
433-XM-B7P2-0804D	RF Development Tools Digital Step Attenuator, ADRF5740BCCZN [PCB: 1171] Recommended Bias Controller: XM-B2J4-0804D-SP
433-XM-B7P7-0804D	RF Development Tools Digital Step Attenuator, ADRF5720 [PCB: 0939] Parallel Control Recommended Bias Controller: XM-C9G5-0804D-SP
433-XM-B8C8-0604D	RF Development Tools Digital Step Attenuator, CMD279C3 [PCB: 1211] Recommended Bias Controller: XM-C588-0604D-SP
433-XM-B8C9-0604D	RF Development Tools Digital Step Attenuator, CMD280C3 [PCB: 1213] Recommended Bias Controller: XM-B9D7-0604D-SP
433-XM-B8D1-0404D	RF Development Tools Digital Step Attenuators, CMD281C3



433-XM-B8D2-0404D	RF Development Tools Digital Step Attenuators, CMD282C3
433-XM-B9L6-0204D	RF Development Tools Attenuator, CA0505D,20 [PCB: 710]
433-XM-B9U9-0804D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 939] Latched Parallel ControlRecommended Bias Controller: XM-C9G5- 0804D-SP
433-XM-C123-0204D	RF Development Tools TVA, WTVA0500N03SMTF [PCB: 845]
433-XM-C377-0804D	RF Development Tools Digital Step Attenuators, ADRF5731
433-XM-C378-0804D	RF Development Tools Digital Step Attenuators, ADRF5721
433-XM-C3G1-0204D	RF Development Tools TVA, WTVA0300N05SMTF [PCB: 845]
433-XM-C3M4-0204D	RF Development Tools Attenuator, TS0401W3 [PCB: 711]
433-XM-C3M7-0204D	RF Development Tools Attenuator, TS0405W3 [PCB: 711]
433-XM-C3T2-0804D	RF Development Tools Digital Step Attenuators, RFSA3715
433-XM-C6F9-0204D	RF Development Tools TVA, AN7-3N9F [PCB: 1570]
433-XM-C748-0204D	RF Development Tools Attenuator, CA0505D-10 [PCB: 710]
433-XM-C831-0204D	RF Development Tools TVA, WTVA0200N03SMTF [PCB: 845]
433-XM-C832-0204D	RF Development Tools TVA, WTVA0300N03SMTF [PCB: 845]
433-XM-C833-0204D	RF Development Tools TVA, WTVA0400N03SMTF [PCB: 845]
433-XM-C834-0204D	RF Development Tools TVA, WTVA0600N03SMTF [PCB: 845]

433-XM-C841-0204D	RF Development Tools TVA, WTVA0200N05SMTF [PCB: 845]
433-XM-C842-0204D	RF Development Tools TVA, WTVA0400N05SMTF [PCB: 845]
433-XM-C843-0204D	RF Development Tools TVA, WTVA0500N05SMTF [PCB: 845]
433-XM-C844-0204D	RF Development Tools TVA, WTVA0600N05SMTF [PCB: 845]
433-XM-C851-0204D	RF Development Tools TVA, WTVA0500N07SMTF [PCB: 845]
433-XM-C8G2-0404D	RF Development Tools Voltage Variable Attenuators, CMD285C3SMT
433-XM-C9G4-0804D	RF Development Tools Digital Step Attenuator, ADRF5720BCCZN [PCB: 0939] Direct Parallel or Latched Parallel Operation Recommended Bias Controller: XM-B2J4-0804D-SP
433-XR-A216-0204D	RF Development Tools Attenuator, TS0900SMTF [PCB: 8]
433-XR-A217-0204D	RF Development Tools Attenuator, TS0901SMTF [PCB: 8]
433-XR-A218-0204D	RF Development Tools Attenuator, TS0902SMTF [PCB: 8]
433-XR-A219-0204D	RF Development Tools Attenuator, TS0903SMTF [PCB: 8]
433-XR-A221-0204D	RF Development Tools Attenuator, TS0904SMTF [PCB: 8]
433-XR-A222-0204D	RF Development Tools Attenuator, TS0905SMTF [PCB: 8]
433-XR-A223-0204D	RF Development Tools Attenuator, TS0906SMTF [PCB: 8]
433-XR-A224-0204D	RF Development Tools Attenuator, TS0907SMTF [PCB: 8]

433-XR-A225-0204D	RF Development Tools Attenuator, TS0908SMTF [PCB: 8]
433-XR-A226-0204D	RF Development Tools Attenuator, TS0909SMTF [PCB: 8]
433-XR-A227-0204D	RF Development Tools Attenuator, TS0910SMTF [PCB: 8]
433-XR-A241-0204D	RF Development Tools Attenuator, RCAT-12+ [PCB: 0007]
433-XR-A242-0204D	RF Development Tools Attenuator, RCAT-15+ [PCB: 0007]
433-XR-A2C5-0204D	RF Development Tools Attenuator, A-0805-C-00DB [PCB: 0070]
433-XR-A2C6-0204D	RF Development Tools Attenuator, A-0805-C-01DB [PCB: 0070]
433-XR-A2C7-0204D	RF Development Tools Attenuator, A-0805-C-02DB [PCB: 0070]
433-XR-A2C8-0204D	RF Development Tools Attenuator, A-0805-C-03DB [PCB: 0070]
433-XR-A2C9-0204D	RF Development Tools Attenuator, A-0805-C-04DB [PCB: 0070]
433-XR-A2D1-0204D	RF Development Tools Attenuator, A-0805-C-05DB [PCB: 0070]
433-XR-A2D2-0204D	RF Development Tools Attenuator, A-0805-C-06DB [PCB: 0070]
433-XR-A2D3-0204D	RF Development Tools Attenuator, A-0805-C-07DB [PCB: 0070]
433-XR-A2D4-0204D	RF Development Tools Attenuator, A-0805-C-08DB [PCB: 0070]
433-XR-A2D5-0204D	RF Development Tools Attenuator, A-0805-C-09DB [PCB: 0070]
433-XR-A2D6-0204D	RF Development Tools Attenuator, A-0805-C-10DB [PCB: 0070]

433-XR-A352-0404D	RF Development Tools Voltage Variable Attenuators, MAAT-010521SMT
433-XR-A361-0204D	RF Development Tools Attenuator, A-0402WA-C-01DB [PCB: 0223]
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433-XR-A364-0204D	RF Development Tools Attenuator, A-0402WA-C-04DB [PCB: 0223]
433-XR-A365-0204D	RF Development Tools Attenuator, A-0402WA-C-05DB [PCB: 0223]
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433-XR-A368-0204D	RF Development Tools Attenuator, A-0402WA-C-08DB [PCB: 0223]
433-XR-A369-0204D	RF Development Tools Attenuator, A-0402WA-C-09DB [PCB: 0223]
433-XR-A371-0204D	RF Development Tools Attenuator, A-0402WA-C-10DB [PCB: 0223]
433-XR-A3C7-0204D	RF Development Tools Attenuator, KFA00.00-6SMTF [PCB: 321]
433-XR-A3C8-0204D	RF Development Tools Attenuator, KFA01.00-6SMTF [PCB: 321]
433-XR-A3C9-0204D	RF Development Tools Attenuator, KFA02.00-6SMTF [PCB: 321]
433-XR-A3D1-0204D	RF Development Tools Attenuator, KFA03.00-6SMTF [PCB: 321]
433-XR-A3D2-0204D	RF Development Tools Attenuator, KFA04.00-6SMTF [PCB: 321]

433-XR-A3D3-0204D	RF Development Tools Attenuator, KFA05.00-6SMTF [PCB: 321]
433-XR-A3D4-0204D	RF Development Tools Attenuator, KFA06.00-6SMTF [PCB: 321]
433-XR-A3D8-0204D	RF Development Tools Attenuator, KFA10.00-6SMTF [PCB: 321]
433-XR-A3K7-0604D	RF Development Tools Digital Step Attenuators, PE43705
433-XR-A3K8-0604D	RF Development Tools Digital Step Attenuators, PE43712
433-XR-A3K9-0604D	RF Development Tools Digital Step Attenuators, PE43713
433-XR-A3Y8-0404D	RF Development Tools Voltage Variable Attenuators, MAAV-011013SMT
433-XR-A563-0404D	RF Development Tools Attenuator, GAT-2+ [PCB: 1030]
433-XR-A566-0404D	RF Development Tools Attenuator, GAT-6+ [PCB: 1030]
433-XR-A569-0404D	RF Development Tools Attenuator, GAT-8+ [PCB: 1030]
433-XR-A5D6-0604D	RF Development Tools Digital Step Attenuator, HMC1018ALP4E [PCB: 0432] Recommended Bias Controller: XR-A769-0604D-SP
433-XR-A5D7-0604D	RF Development Tools Digital Step Attenuator, HMC1019ALP4E [PCB: 0432] Recommended Bias Controller: XR-A769-0604D-SP
433-XR-A5M8-0204D	RF Development Tools Attenuator, HMC652LP2E [PCB: 372]
433-XR-A5M9-0204D	RF Development Tools Attenuator, HMC653LP2E [PCB: 372]
433-XR-A5N1-0204D	RF Development Tools Attenuator, HMC654LP2E [PCB: 372]

433-XR-A5N2-0204D	RF Development Tools Attenuator, HMC656LP2E [PCB: 372]
433-XR-A5N3-0204D	RF Development Tools Attenuator, HMC657LP2E [PCB: 372]
433-XR-A5N4-0204D	RF Development Tools Attenuator, HMC658LP2E [PCB: 372]
433-XR-A5R7-0404D	RF Development Tools Voltage Variable Attenuators, HMC973ALP3ESMT
433-XR-A689-0604D	RF Development Tools Digital Step Attenuator, HMC424ALP3E [PCB: 1089] Recommended Bias Controller: XR-B2G9-0604D-SP
433-XR-A6A7-0604D	RF Development Tools Digital Step Attenuator, HMC540SLP3E [PCB: 1087] Recommended Bias Controller: XR-B2J2-0604D-SP
433-XR-A6E3-0604D	RF Development Tools Digital Step Attenuator, HMC939ALP4E [PCB: 0671] Recommended Bias Controller: XR-B128-0604D-SP
433-XR-A6E4-0604D	RF Development Tools Digital Step Attenuator, HMC941ALP4E [PCB: 0671] Recommended Bias Controller: XR-B129-0604D-SP
433-XR-A7D2-0404D	RF Development Tools Digital Step Attenuators, F1953
433-XR-A7D3-0404D	RF Development Tools Digital Step Attenuators, F1912
433-XR-A7D4-0604D	RF Development Tools Digital Step Attenuators, F1956
433-XR-A7D5-0404D	RF Development Tools Voltage Variable Attenuators, F2250NLGKSMT
433-XR-A7D6-0404D	RF Development Tools Voltage Variable Attenuators, F2255NLGKSMT
433-XR-A7M1-0604D	RF Development Tools Digital Step Attenuators, MAAD-011021

433-XR-A9P5-0404D	RF Development Tools Voltage Variable Attenuators, HMC812ALC4SMT
433-XR-B1C5-0604D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 0833] Serial Control Recommended Bias Controller: XR-B1C6-0604D-SP
433-XR-B1K4-0204D	RF Development Tools Attenuator, HMC655LP2E [PCB: 372]
433-XR-B1K5-0404D	RF Development Tools Voltage Variable Attenuators, HMC712ALP3CESMT
433-XR-B1M3-0604D	RF Development Tools Digital Step Attenuator, ADRF5720BCCZN [PCB: 0833] Serial Control Recommended Bias Controller: XR-B1M6-0604D-SP
433-XR-B1M4-0204D	RF Development Tools TVA,\ WTVA0300N07SMTF [PCB: 845]
433-XR-B1T3-0204D	RF Development Tools TVA, WTVA0200N07SMTF [PCB: 845]
433-XR-B1T4-0204D	RF Development Tools TVA, WTVA0400N07SMTF [PCB: 845]
433-XR-B1T5-0204D	RF Development Tools TVA, WTVA0600N07SMTF [PCB: 845]
433-XR-B1X5-0404D	RF Development Tools Voltage Variable Attenuator, RFSA2113 [PCB: 1196] Recommended Bias Controller: XR-B1X6-0404D-SP
433-XR-B2E1-0804D	RF Development Tools Digital Step Attenuator, HMC1119 [PCB: 1086] Recommended Bias Controller: XR-B2E4-0804D-SP
433-XR-B2J3-0804D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 0939] Parallel Mode Configuration Recommended Bias Controller: XR-B2J4- 0804D-SP
433-XR-B2R5-0604D	RF Development Tools Digital Step Attenuator, HMC1122LP4ME [PCB: 1278] Recommended Bias Controller: XR-B814-0604D-SP

433-XR-B4W1-0204D	RF Development Tools Attenuator, KAT-0+ [PCB: 0372]
433-XR-B4W2-0204D	RF Development Tools Attenuator, KAT-1+ [PCB: 0372]
433-XR-B4W3-0204D	RF Development Tools Attenuator, KAT-2+ [PCB: 0372]
433-XR-B4W4-0204D	RF Development Tools Attenuator, KAT-3+ [PCB: 0372]
433-XR-B4W5-0204D	RF Development Tools Attenuator, KAT-4+ [PCB: 0372]
433-XR-B4W6-0204D	RF Development Tools Attenuator, KAT-5+ [PCB: 0372]
433-XR-B4W7-0204D	RF Development Tools Attenuator, KAT-6+ [PCB: 0372]
433-XR-B4W8-0204D	RF Development Tools Attenuator, KAT-7+ [PCB: 0372]
433-XR-B4W9-0204D	RF Development Tools Attenuator, KAT-8+ [PCB: 0372]
433-XR-B4Y1-0204D	RF Development Tools Attenuator, KAT-9+ [PCB: 0372]
433-XR-B4Y2-0204D	RF Development Tools Attenuator, KAT-10+ [PCB: 0372]
433-XR-B4Y3-0204D	RF Development Tools Attenuator, KAT-12+ [PCB: 0372]
433-XR-B4Y4-0204D	RF Development Tools Attenuator, KAT-15+ [PCB: 0372]
433-XR-B4Y5-0204D	RF Development Tools Attenuator, KAT-20+ [PCB: 0372]
433-XR-B4Y6-0204D	RF Development Tools Attenuator, KAT-30+ [PCB: 0372]
433-XR-B5G2-0604D	RF Development Tools Digital Step Attenuator, HMC624ALP4E [PCB: 1081] Recommended Bias Controller: XR-B5G3-0604D-SP

433-XR-B5V7-0204D	RF Development Tools Attenuator, CA0505D-01 [PCB: 710]
433-XR-B5V9-0204D	RF Development Tools Attenuator, CA0505D-03 [PCB: 710]
433-XR-B5Y1-0204D	RF Development Tools Attenuator, CA0505D-04 [PCB: 710]
433-XR-B5Y2-0204D	RF Development Tools Attenuator, CA0505D-05 [PCB: 710]
433-XR-B5Y3-0204D	RF Development Tools Attenuator, CA0505D-06 [PCB: 710]
433-XR-B6A3-0204D	RF Development Tools Attenuator, TS0600F [PCB: 1237]
433-XR-B6A4-0204D	RF Development Tools Attenuator, TS0601F [PCB: 1237]
433-XR-B6A5-0204D	RF Development Tools Attenuator, TS0602F [PCB: 1237]
433-XR-B6A6-0204D	RF Development Tools Attenuator, TS0603F [PCB: 1237]
433-XR-B6A7-0204D	RF Development Tools Attenuator, TS0604F [PCB: 1237]
433-XR-B6A8-0204D	RF Development Tools Attenuator, TS0605F [PCB: 1237]
433-XR-B6A9-0204D	RF Development Tools Attenuator, TS0606F [PCB: 1237]
433-XR-B6B1-0204D	RF Development Tools Attenuator, TS0607F [PCB: 1237]
433-XR-B6B2-0204D	RF Development Tools Attenuator, TS0608F [PCB: 1237]
433-XR-B6B3-0204D	RF Development Tools Attenuator, TS0609F [PCB: 1237]
433-XR-B6B4-0204D	RF Development Tools Attenuator, TS0610F [PCB: 1237]

433-XR-B6B5-0204D	RF Development Tools Attenuator, TS0611F [PCB: 1237]
433-XR-B6B6-0204D	RF Development Tools Attenuator, TS0612F [PCB: 1237]
433-XR-B6C1-0204D	RF Development Tools Attenuator, TS0620F [PCB: 1237]
433-XR-B6E4-0404D	RF Development Tools Digital Step Attenuators, QPC3223
433-XR-B6E5-0604D	RF Development Tools Digital Step Attenuator, RFSA3413 [PCB: 1181] Recommended Bias Controller: XR-B129-0604D-SP
433-XR-B6E6-0604D	RF Development Tools Digital Step Attenuators, RFSA3513
433-XR-B6E7-0604D	RF Development Tools Digital Step Attenuators, RFSA3613
433-XR-B6E8-0604D	RF Development Tools Digital Step Attenuators, RFSA3713
433-XR-B6E9-0804D	RF Development Tools Digital Step Attenuators, RFSA3714
433-XR-B6F1-0604D	RF Development Tools Digital Step Attenuators, RFSA3715
433-XR-B6H3-0404D	RF Development Tools Voltage Variable Attenuators, RFSA2013SMT
433-XR-B6H4-0404D	RF Development Tools Voltage Variable Attenuators, RFSA2033SMT
433-XR-B6H5-0404D	RF Development Tools Voltage Variable Attenuator, RFSA2113 [PCB: 1196] Recommended Bias Controller: XR-B1X6-0404D-SP
433-XR-B6J7-0604D	RF Development Tools Digital Step Attenuator, ADRF5731BCCZN [PCB: 1172] Recommended Bias Controller: XR-B1M6-0604D-SP

433-XR-B6J8-0604D	RF Development Tools Digital Step Attenuator, ADRF5721BCCZN [PCB: 1172] Serial Mode Recommended Bias Controller: XR-B1M6-0604D-SP
433-XR-B7K8-0404D	RF Development Tools Attenuator, GAT-3+ [PCB: 1030]
433-XR-B7P2-0804D	RF Development Tools Digital Step Attenuator, ADRF5740BCCZN [PCB: 1171] Recommended Bias Controller: XR-B2J4-0804D-SP
433-XR-B7P7-0804D	RF Development Tools Digital Step Attenuator, ADRF5720 [PCB: 0939] Parallel Control Recommended Bias Controller: XR-C9G5-0804D-SP
433-XR-B8C8-0604D	RF Development Tools Digital Step Attenuator, CMD279C3 [PCB: 1211] Recommended Bias Controller: XR-C588-0604D-SP
433-XR-B8C9-0604D	RF Development Tools Digital Step Attenuator, CMD280C3 [PCB: 1213] Recommended Bias Controller: XR-B9D7-0604D-SP
433-XR-B8D1-0404D	RF Development Tools Digital Step Attenuators, CMD281C3
433-XR-B8D2-0404D	RF Development Tools Digital Step Attenuators, CMD282C3
433-XR-B9L6-0204D	RF Development Tools Attenuator, CA0505D,20 [PCB: 710]
433-XR-B9U9-0804D	RF Development Tools Digital Step Attenuator, ADRF5730BCCZN [PCB: 939] Latched Parallel Control Recommended Bias Controller: XR-C9G5-0804D-SP
433-XR-C123-0204D	RF Development Tools TVA, WTVA0500N03SMTF [PCB: 845]
433-XR-C377-0804D	RF Development Tools Digital Step Attenuators, ADRF5731

433-XR-C378-0804D	RF Development Tools Digital Step Attenuators, ADRF5721
433-XR-C3G1-0204D	RF Development Tools TVA, WTVA0300N05SMTF [PCB: 845]
433-XR-C3T2-0804D	RF Development Tools Digital Step Attenuators, RFSA3715
433-XR-C6F9-0204D	RF Development Tools TVA, AN7-3N9F [PCB: 1570]
433-XR-C748-0204D	RF Development Tools Attenuator, CA0505D-10 [PCB: 710]
433-XR-C831-0204D	RF Development Tools TVA, WTVA0200N03SMTF [PCB: 845]
433-XR-C832-0204D	RF Development Tools TVA, WTVA0300N03SMTF [PCB: 845]
433-XR-C833-0204D	RF Development Tools TVA, WTVA0400N03SMTF [PCB: 845]
433-XR-C834-0204D	RF Development Tools TVA, WTVA0600N03SMTF [PCB: 845]
433-XR-C841-0204D	RF Development Tools TVA, WTVA0200N05SMTF [PCB: 845]
433-XR-C842-0204D	RF Development Tools TVA, WTVA0400N05SMTF [PCB: 845]
433-XR-C843-0204D	RF Development Tools TVA, WTVA0500N05SMTF [PCB: 845]
433-XR-C844-0204D	RF Development Tools TVA, WTVA0600N05SMTF [PCB: 845]
433-XR-C851-0204D	RF Development Tools TVA, WTVA0500N07SMTF [PCB: 845]
433-XR-C8G2-0404D	RF Development Tools Voltage Variable Attenuators, CMD285C3SMT

[433-XR-C9G4-0804D](#)

RF Development Tools Digital Step Attenuator,
ADRF5720BCCZN [PCB: 0939] Direct Parallel or
Latched Parallel Operation Recommended Bias
Controller: XR-B2J4-0804D-SP

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