

QUALIFIED PRODUCTS LIST
OF
PRODUCTS QUALIFIED UNDER PERFORMANCE SPECIFICATION
MIL-PRF-55310
OSCILLATOR, CRYSTAL CONTROLLED,
GENERAL SPECIFICATION FOR

This list has been prepared for use by or for the Government in the acquisition of products covered by Specification MIL-PRF-55310. Listing of a product is not intended to and does not connote endorsement of the product by the Department of Defense. All products listed herein have been qualified under the requirements for the product as specified in the latest effective issue of the applicable specification. This list is subject to change without notice; revision or amendment of this list will be issued as necessary. The listing of a product does not release the supplier from compliance with the specification requirements.

THE ACTIVITY RESPONSIBLE FOR THIS QPL IS THE U.S. ARMY COMMUNICATIONS-ELECTRONICS COMMAND AND FORT MONMOUTH. The activity designated as agent for all contacts relative to this QPL is DLA Land and Maritime - VQ, Columbus, OH 43218-3990.

NOTE: * PLUS (+) FREQUENCY TO BE ADDED TO ALL M55310 PART NUMBERS.

GOVERNMENT DESIGNATION	MANUFACTURER'S DESIGNATION OR TYPE NUMBER	TEST OR QUALIFICATION REFERENCE	SUPPLIER'S NAME (ADDRESS ON LAST PAGE)
PART I			
(Class 1 Technology)			
*M55310/8-B04A thru -09A (750KHz - 50MHz)	014N-07500 Thru -50000 XCSEXA	15160-019-01	Precision Devices Inc.
(Class 2 Technology)			
*M55310/8-B01A thru -10A (50Hz - 50MHz)	*M55310/8-B01A thru -10A (50Hz - 50MHz)	55310-1089-78	Q-Tech Corporation
(Class 2 Technology)			
*M55310/8-B01A thru -10A (100Hz - 50MHz)	XM 8	55310-1601-85	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/9-B01A thru -21A (400KHz - 60MHz)	MC717A1-058, MC717A1-062	55310-48-95; 55310-49-95	Microsemi Corp. - High Performance Timing
(Class 1 Technology)			
*M55310/9-B01A thru -25A (.75MHz - 60MHz)	SPCL-07500 Thru -60000 XBBEXX	55310-1860-07	Precision Devices Inc.
(Class 2 Technology)			
*M55310/9-B01A thru -25A (400KHz - 60MHz)	*M55310/9-B01A thru -25A (400KHz - 60MHz)	55310-005-99; 55310-1089-78; 55310-155-95; 55310-3707-13	Q-Tech Corporation
(Class 2 Technology)			
*M55310/9-B01A thru -21A (400KHz - 60MHz)	XM 9B01A-B21A (400K0000-60M00000)	55310-2600-09	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/10-B01A thru -37A (1KHz - 60MHz)	*M55310/10-B01A thru -37A (1KHz - 60MHz)	55310-006-99; 55310-1089-78; 55310-188-95	Q-Tech Corporation
(Class 2 Technology)			
*M55310/11-B01A thru -06A (50KHz - 10MHz)	*M55310/11-B01A thru -06A (50KHz - 10MHz)	55310-1089-78	Q-Tech Corporation

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PART I			
(Class 2 Technology)			
*M55310/11-B01A thru -06A (50KHz - 10MHz)	XM 11	55310-1601-85	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/12-B01A thru -06A (50KHz - 10MHz)	*M55310/12-B01A thru -06A (50KHz - 10MHz)	55310-1089-78	Q-Tech Corporation
(Class 2 Technology)			
*M55310/13-B01A thru -06A (300Hz - 10MHz)	*M55310/13-B01A thru -06A (300Hz - 10MHz)	55310-1089-78	Q-Tech Corporation
(Class 1 Technology)			
*M55310/14-B05A thru -09A (750KHz - 25MHz)	014N-07500 Thru -25000 XCSEXB	10304-798-74	Precision Devices Inc.
(Class 2 Technology)			
*M55310/14-B01A thru -09A (.1Hz - 25MHz)	*M55310/14-B01A thru -09A (.1Hz - 25MHz)	55310-1089-78	Q-Tech Corporation
(Class 2 Technology)			
*M55310/14-B01A thru -09A (100Hz - 25MHz)	XM 14	55310-1601-85	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/15-B01A thru -07A (.01Hz - 10MHz)	*M55310/15-B01A thru -07A (.01Hz - 10MHz)	55310-1078-78	Q-Tech Corporation
(Class 2 Technology)			
*M55310/15-B01A thru -07A (30Hz - 10MHz)	*M55310/15-B01A thru -07A (30Hz - 10MHz)	55310-1601-85	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/16-B01A thru -44A (.1Hz - 80MHz)	*M55310/16-B01A thru -44A (.1Hz - 80MHz)	55310-4627-16	Microsemi Corp. - High Performance Timing
(Class 2 Technology)			
*M55310/16-S21A thru -41A (375KHz - 80MHz)	*M55310/16-S21A thru -41A (375KHz - 80MHz)	55310-1441-05	Microsemi Corp. - High Performance Timing
(Class 1 Technology)			
*M55310/16-B01A thru -44A (750KHz - 60MHz)	014N-07500 Thru -60000 XCSEX	55310-1173-05	Precision Devices Inc.
(Class 2 Technology)			
*M55310/16-B01A thru -44A (.1Hz - 80MHz)	*M55310/16-B01A thru -44A (.1Hz - 80MHz)	55310-1089-78; 55310-132-95	Q-Tech Corporation
(Class 2 Technology)			
*M55310/16-S21A thru -41A (375KHz - 80MHz)	*M55310/16-S21A thru -41A (375KHz - 80MHz)	55310-3135-11	Q-Tech Corporation
(Class 2 Technology)			
*M55310/16-B01A thru -44A (100Hz - 80MHz)	XM 16	55310-1601-85	Xsis Electronics, Inc.
(Class 1 Technology)			
*M55310/17-B11A thru -31A (12MHz - 50MHz)	014N-12000 Thru -50000 XBSEXA	55310-1173-05	Precision Devices Inc.
(Class 2 Technology)			
*M55310/17-B01A thru -24A (250KHz - 50MHz)	*M55310/17-B01A thru -24A (250KHz - 50MHz)	55310-1228-83	Q-Tech Corporation

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(Class 2 Technology)			
*M55310/17-B01A thru -24A (250KHz - 50MHz)	XM 17-B11A	55310-1601-85	Xsis Electronics, Inc.
(Class 1 Technology)			
*M55310/18-B01A thru -42A (.1Hz - 15MHz)	014N-01000 Thru -15000 XCBEXX	55310-1173-05	Precision Devices Inc.
(Class 2 Technology)			
*M55310/18-B01A thru -42A (.01Hz - 15MHz)	*M55310/18-B01A thru -42A (.01Hz - 15MHz)	55310-1229-83	Q-Tech Corporation
(Class 2 Technology)			
*M55310/18-B01A thru -42A (5.25Hz - 15MHz)	XM 18-B01A	55310-1601-85	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/19-B01A thru -22A (1MHz - 60MHz)	*M55310/19-B01A thru -22A (1MHz - 60MHz)	55310-69-95	Microsemi Corp. - High Performance Timing
(Class 3 Technology)			
*M55310/19-B01A thru -23A (1MHz - 60MHz)	SPCL-01000 Thru -60000 XBSEXA	55310-4047-14	Precision Devices Inc.
(Class 2 Technology)			
*M55310/19-B01A thru -23A (1MHz - 60MHz)	*M55310/19-B01A thru -23A (1MHz - 60MHz)	55310-384-89; 55310-67-95	Q-Tech Corporation
(Class 2 Technology)			
*M55310/19-B01A thru -23A (1MHz - 60MHz)	XM 19-B01A	55310-889-87	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/20-B01A thru -23A (40KHz - 60MHz)	*M55310/20-B01A thru -23A (40KHz - 60MHz)	55310-385-89	Q-Tech Corporation
(Class 2 Technology)			
*M55310/21-B01A thru -23A (1MHz - 60MHz)	MC061A1-029	55310-86-95	Microsemi Corp. - High Performance Timing
*M55310/21-B01A thru -23A (1MHz - 60MHz)	MC061A1-030	55310-86-95	Microsemi Corp. - High Performance Timing
*M55310/21-B01A thru -23A (1MHz - 60MHz)	MC061A1-031	55310-86-95	Microsemi Corp. - High Performance Timing
*M55310/21-B01A thru -23A (1MHz - 60MHz)	MC061A1-032	55310-86-95	Microsemi Corp. - High Performance Timing
(Class 3 Technology)			
*M55310/21-B01A thru -23A (1MHz - 60MHz)	SPCL-01000 Thru -60000 XBSEXX	55310-3112-11	Precision Devices Inc.
(Class 2 Technology)			
*M55310/21-B01A thru -41A (1MHz - 60MHz)	*M55310/21-B01A thru -41A (1MHz - 60MHz)	55310-013-00	Q-Tech Corporation
(Class 2 Technology)			
*M55310/21-B01A thru -21A (1MHz - 60MHz)	M55310/21-B01A thru -21A (1M00000-85M00000)	55310-5080-18	Xsis Electronics, Inc.

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PART I			
(Class 1 Technology)			
*M55310/25-B02A thru -15A (25MHz - 60MHz)	014N-25000 Thru -60000 XESEX	55310-1173-05	Precision Devices Inc.
(Class 2 Technology; NOTE: Configurations A and B)			
*M55310/25-B02A thru -75A (25MHz - 175MHz)	*M55310/25-B02A thru -75A (25MHz - 175MHz)	55310-74-95	Q-Tech Corporation
(Class 2 Technology)			
*M55310/26-B02A thru -62A (250KHz - 65MHz)	M26B02A-M26B62A	55310-3731-13	Frequency Management International
(Class 2 Technology; NOTE: Configurations A and B)			
*M55310/26-B02A thru -67A (10KHz - 65MHz)	MC748A1-044	55310-008-94; 55310-009-94; 55310-010-94	Microsemi Corp. - High Performance Timing
*M55310/26-B02A thru -67A (10KHz - 65MHz)	MC748A1-046	55310-008-94; 55310-009-94; 55310-010-94	Microsemi Corp. - High Performance Timing
*M55310/26-B02A thru -67A (10KHz - 65MHz)	MC748A1-043	55310-008-94; 55310-009-94; 55310-010-97	Microsemi Corp. - High Performance Timing
(Class 1 Technology)			
*M55310/26-B02A thru -62A (15KHz - 60MHz)	014N-00150 Thru -60000 XHSEX	55310-1173-05	Precision Devices Inc.
(Class 2 Technology; NOTE: Configurations A and B)			
*M55310/26-B02A thru -67A (10KHz - 65MHz)	*M55310/26-B02A thru -67A (10KHz - 65MHz)	55310-12-92; 55310-133-95	Q-Tech Corporation
(Class 2 Technology)			
*M55310/26-S06A thru -67A (375KHz - 65MHz)	M55310/26-S06A Thru S67A	55310-3827-13	Q-Tech Corporation
(Class 2 Technology; NOTE: Configurations A and B)			
*M55310/26-B02A thru -66A (10KHz - 65MHz)	XM 26BXXX	55310-017-97	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/27-B01A thru -34A (1MHz - 85MHz)	*M55310/27-B01A thru -34A (1MHz - 85MHz)	55310-4683-16	Microsemi Corp. - High Performance Timing
(Class 2 Technology)			
*M55310/27-B01A thru -31A (1MHz - 85MHz)	*M55310/27-B01A thru -31A (1MHz - 85MHz)	55310-164-98	Q-Tech Corporation
(Class 2 Technology)			
*M55310/27-B01A thru -31A (1MHz - 85MHz)	XM 27-B01A-B31A (1M00000-85M00000)	55310-2861-10	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/28-B01A thru -34A (1MHz - 85MHz)	*M55310/28-B01A thru -34A (1MHz - 85MHz)	55310-4683-16	Microsemi Corp. - High Performance Timing
(Class 2 Technology)			
*M55310/28-B01A thru -31A (1MHz - 85MHz)	*M55310/28-B01A thru -31A (1MHz - 85MHz)	55310-029-00	Q-Tech Corporation
(Class 2 Technology)			
*M55310/29-B01A thru -41A (200KHz - 85MHz)	*M55310/29-B01A thru -41A (200KHz - 85MHz)	55310-030-00	Q-Tech Corporation

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(Class 2 Technology)			
*M55310/30-B01A thru -31A (450KHz - 85MHz)	C1300A1-0107 and C1300A1-0117 (450K0000-85M00000)	55310-4683-16	Microsemi Corp. - High Performance Timing
(Class 2 Technology)			
*M55310/30-B11A thru -14A (15MHz - 29MHz)	*M55310/30-B11A thru -14A (15MHz - 29MHz)	55310-1910-07	M-tron Industries, Inc.
(Class 3 Technology)			
*M55310/30-B01A thru -41A (1.54MHz - 100MHz)	SPCL-15400 Thru -100000 XCSEX	55310-1860-07	Precision Devices Inc.
(Class 2 Technology)			
*M55310/30-B01A thru -34A (1MHz - 85MHz)	*M55310/30-B01A thru -34A (1MHz - 85MHz)	55310-1040-04	Q-Tech Corporation
(Class 2 Technology)			
*M55310/30-B01A thru -31A (450KHz - 85MHz)	XM 30-B01A-B31A (450K00000-85M00000)	55310-2861-10	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/33-B01A thru -44A (500KHz - 85MHz)	*M55310/33-B01A thru -44A (500KHz - 85MHz)	55310-2061-07	Q-Tech Corporation
(Class 2 Technology)			
*M55310/33-B01A thru -44A (500KHz - 85MHz)	*M55310/33-B01A thru -44A (500KHz - 85MHz)	55310-3591-12	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/34-B01A thru -44A (500KHz - 70MHz)	*M55310/34-B01A thru -44A (500KHz - 70MHz)	55310-2061-07	Q-Tech Corporation
(Class 2 Technology)			
*M55310/34-B01A thru -44A (500KHz - 70MHz)	*M55310/34-B01A thru -44A (500KHz - 70MHz)	55310-3591-12	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/35-B01A thru -44A (1MHz - 133MHz)	M55310/35 + Frequency	55310-3707-13	Q-Tech Corporation
(Class 2 Technology)			
*M55310/35-B01A thru -41A (1MHz - 100MHz)	XM 35	55310-4057-14	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/36-B01A thru -44A (1MHz - 100MHz)	M55310/36 + Frequency	55310-3707-13	Q-Tech Corporation
(Class 2 Technology)			
*M55310/36-B01A thru -41A (1MHz - 100MHz)	XM 36	55310-4057-14	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/37-B01A thru -44A (500KHz - 85MHz)	*M55310/37-B01A thru -44A (500KHz - 85MHz)	55310-2061-07	Q-Tech Corporation
(Class 2 Technology)			
*M55310/37-B01A thru -44A (500KHz - 85MHz)	*M55310/37-B01A thru -44A (500KHz - 85MHz)	55310-3591-12	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/38-B01A thru -44A (500KHz - 70MHz)	*M55310/38-B01A thru -44A (500KHz - 70MHz)	55310-2061-07	Q-Tech Corporation

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PART I			
(Class 2 Technology)			
*M55310/38-B01A thru -44A (500KHz - 70MHz)	*M55310/38-B01A thru -44A (500KHz - 70MHz)	55310-3591-12	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/39-B01A thru -44A (1MHz - 133MHz)	M55310/39 + Frequency	55310-3707-13	Q-Tech Corporation
(Class 2 Technology)			
*M55310/39-B01A thru -41A (1MHz - 100MHz)	XM 39	55310-4057-14	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/40-B01A thru -44A (1MHz - 100MHz)	M55310/40 + Frequency	55310-3707-13	Q-Tech Corporation
(Class 2 Technology)			
*M55310/40-B01A thru -41A (1MHz - 100MHz)	XM 40	55310-4057-14	Xsis Electronics, Inc.
(Class 2 Technology)			
*M55310/41-B01A thru -61A (500KHz - 125MHz)	M41B01A-M41B61A	55310-5516-19	Frequency Management International

Manufacturer and Supplier Location Information

Manufacturer: Frequency Management International (CAGE Code: 3RLQ6)

Location: 15302 Bolsa Chica St, Huntington Beach, CA 92649, USA

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Microsemi Corp. - High Performance Timing (CAGE Code: 00136)

Location: P.O. Box B, 100 Watts Street, Mt. Holly Springs, PA 17065-1821, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: M-Tron Industries, Inc. (CAGE Code: 23875)

Location: 1703 E Highway 50, Yankton, SD 57078-4134, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Precision Devices, Inc. (CAGE Code: 0S4G1)

Location: P.O. Box 620155, 8840 N. Greenview Drive, Middleton, WI 53562-0155, US

Plants:

1. Plant: Same Address as Manufacturer

Manufacturer: Q-Tech Corporation (CAGE Code: 51774)

Location: 10150 W. Jefferson Boulevard, Culver City, CA 90232-3502, US

Plants:

1. Plant: Same Address as Manufacturer
2. 6161 Chip Ave., Cypress, CA 90603, US

Manufacturer: Xsis Electronics, Inc. (CAGE Code: 57051)

Location: 12620 West 63rd Street, Shawnee, KS 66216-1845, US

Plants:

1. Plant: Same Address as Manufacturer