

ABRACON Programmable and MEMS Clock Oscillators



ULTRA MINIATURE PURE SILICON MEMS CLOCK OSCILLATORS, 5 X 3.2mm

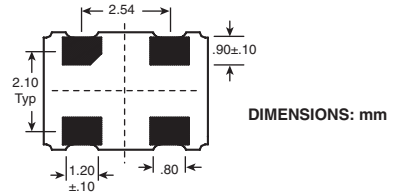
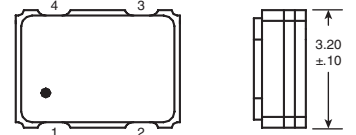
Features:

- Ultra Miniature Pure Silicon™ Clock Oscillator
- MEMS Technology by Discera™
- Harsh Environment Industrial Equipment
- RF Oscillator
- High Shock Resistance

RoHS Compliant This product is RoHS compliant.

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Voltage	Tolerance	Price Each				Reel Qty.	Price Each
				1	10	50	100		
815-ASFLM1-1.8-T	ASFLM1-1.8432MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-3.6-T	ASFLM1-3.6864MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-4.0-T	ASFLM1-4.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-7.3-T	ASFLM1-7.3728MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-8.0-T	ASFLM1-8.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-10.0-T	ASFLM1-10.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-11.0-T	ASFLM1-11.0592MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-12.0-T	ASFLM1-12.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-14.3-T	ASFLM1-14.31818MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-14.7-T	ASFLM1-14.7456MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-16.0-T	ASFLM1-16.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-18.4-T	ASFLM1-18.432MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-20.0-T	ASFLM1-20.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-24.0-T	ASFLM1-24.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-24.5-T	ASFLM1-24.576MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-25.0-T	ASFLM1-25.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-27.0-T	ASFLM1-27.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-30.0-T	ASFLM1-30.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-32.0-T	ASFLM1-32.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-33.0-T	ASFLM1-33.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-33.3-T	ASFLM1-33.333MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-40.0-T	ASFLM1-40.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-48.0-T	ASFLM1-48.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97
815-ASFLM1-50.0-T	ASFLM1-50.000MHZ-C-T	3.3V	50ppm	2.10	1.75	1.57	1.39	1000	.97



DIMENSIONS: mm

Frequency Control

Abracon

MEMS OSCILLATOR PROGRAMMER KITS

MEMSpeed Pro™ Deluxe Kit

- Includes:**
- MEMSpeed Pro
 - Two Socket Adapters (5.0 x 3.2 and 3.2 x 2.5mm)
 - USB Cable
 - Tweezers
 - Quickstart Guide and CD-ROM for PC Installation
 - 200 unprogrammed blank oscillators (100 ASFLM-5032 and 100 ASEM-3225)



MOUSER STOCK NO.	Description	Price Each
815-MEMS-PRO	MEMSpeed Pro Deluxe Kit	495.00

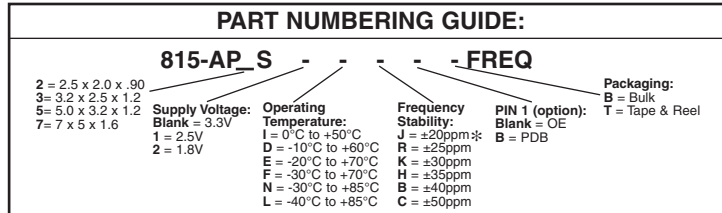
MEMSpeed Pro™ Standard 5032 Kit

- Includes:**
- MEMSpeed Pro
 - One Socket Adapters (5.0 x 3.2)
 - USB Cable
 - Tweezers
 - Quickstart Guide and CD-ROM for PC Installation
 - 50 unprogrammed blank oscillators (50 ASFLM-5032)

MOUSER STOCK NO.	Description	Price Each
815-MEMS-STD	MEMSpeed Pro Standard 5032 Kit	315.00

PROGRAMMABLE CRYSTAL OSCILLATORS

* Available with "I", "D" or "E" temp options only



AP2SX Series Programmable Oscillators, 2.5 X 2.0mm

- Features:**
- Performance comparable to fixed frequency oscillator
 - Lowest peak-to-peak jitter
 - Low supply current
- Specifications:**
- Frequency Range: 3.3V 1-110 MHz
 - 2.5V 1-90 MHz
 - 1.8V 1-75 MHz

For Reels or quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	5	25
815-AP2SX-X-X-X-X-Freq	15.38	6.54	6.15

AP3SX Series Programmable Oscillators, 3.2 X 2.5mm

- Features:**
- Performance comparable to fixed frequency oscillator
 - Lowest peak-to-peak jitter
 - Low supply current
- Specifications:**
- Frequency Range: 3.3V 0.8-110 MHz
 - 2.5V 0.8-90 MHz
 - 1.8V 0.8-75 MHz

For Reels or quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	5	25
815-AP3SX-X-X-X-X-Freq	15.38	5.40	5.25

AP5SX Series Programmable Oscillators, 5.0 X 3.2mm

- Features:**
- Performance comparable to fixed frequency oscillator
 - Lowest peak-to-peak jitter
 - Low supply current
- Specifications:**
- Frequency Range: 3.3V 1-110 MHz
 - 2.5V 1-90 MHz
 - 1.8V 1-75 MHz

For Reels or quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	5	25
815-AP5SX-X-X-X-X-Freq	15.38	4.65	4.35

AP7SX Series Programmable Oscillators, 7.0 X 5.0mm

- Features:**
- Performance comparable to fixed frequency oscillator
 - Lowest peak-to-peak jitter
 - Low supply current
- Specifications:**
- Frequency Range: 3.3V 0.8-110 MHz
 - 2.5V 0.8-90 MHz
 - 1.8V 0.8-75 MHz

For Reels or quantities greater than listed, call for quote.

MOUSER STOCK NO.	Price Each		
	1	5	25
815-AP7SX-X-X-X-X-Freq	15.38	5.00	4.75