

ABRACON Crystal Oscillators

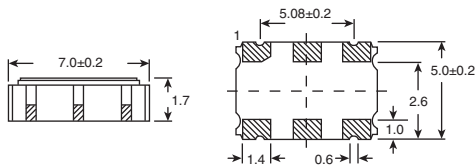


RoHS Compliant This page of product is compliant.



ASVV SERIES VCXO VOLTAGE CONTROLLED CRYSTAL OSCILLATOR SMD, 7 X 5, 3.3V

Pin Assignment	
1	Voltage Control Vc
2	Tristate Control
3	GND/Case
4	Output
5	NC
6	VDD



DIMENSIONS: mm

Features:

- Frequency Range: 1.000MHz to 125.00MHz
- Operating Temperature: -40°C to +85°C
- Supply Voltage (VDD): 3.3VDC ±5%
- Pullability: ±150ppm
- Stability: ±50ppm (0°C to +70°C)

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
815-ASVV-19.440-N152	ASVV-19.440MHZ-N152	19.4400	3.96	3.63	3.30	2.61	2.38
815-ASVV-27-N152	ASVV-27.000MHZ-N152	27.0000	3.96	3.63	3.30	2.61	2.38
815-ASVV-32.768-N152	ASVV-32.768MHZ-N152	32.7680	3.96	3.63	3.30	2.61	2.38
815-ASVV-44.736-N152	ASVV-44.736MHZ-N102	44.7360	3.96	3.63	3.30	2.61	2.38

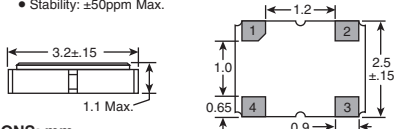


ASE2 SERIES CRYSTAL CLOCK OSCILLATOR, CMOS COMPATIBLE SMD, 3.2 X 2.5, 2.5V

Features:

- Frequency Range: 0.75-75MHz
- Operating Temperature: -40°C to +85°C
- Supply Voltage (VDD): 2.5VDC ±5%
- Stability: ±50ppm Max.

Pin Assignment	
1	Tri-state
2	GND/Case
3	Output
4	VDD



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each			
			1	25	100	500
815-ASE2-4.000	ASE2-4.000MHZ-LC-T	4.0000	4.17	3.48	2.78	2.44
815-ASE2-14.7456	ASE2-14.7456MHZ-LC-T	14.7456	3.28	2.97	2.50	2.19
815-ASE2-24.000	ASE2-24.000MHZ-LC-T	24.0000	3.28	2.97	2.50	2.19
815-ASE2-25.000	ASE2-25.000MHZ-LC-T	25.0000	3.28	2.97	2.50	2.19
815-ASE2-26.000	ASE2-26.000MHZ-R	26.0000	3.28	2.97	2.50	2.19
815-ASE2-33.000	ASE2-33.000MHZ-LC-T	33.0000	3.28	2.97	2.50	2.19
815-ASE2-48.000	ASE2-48.000MHZ-LC-T	48.0000	3.28	2.97	2.50	2.19
815-ASE2-50.000	ASE2-50.000MHZ-LC-T	50.0000	3.28	2.97	2.50	2.19

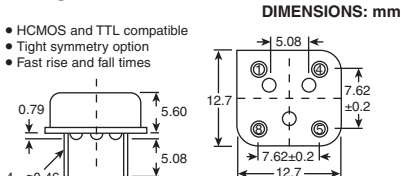


ACH/ACHL SERIES CRYSTAL CLOCK OSCILLATOR, HALF SIZE LEADED

Features:

- Frequency Range: 32.768kHz to 200MHz
- Operating Temperature: -20°C to +70°C
- Stability: ±30ppm (-20°C to +70°C)
- HCMOS and TTL compatible
- Tight symmetry option
- Fast rise and fall times

Pin Assignment	
1	NC or Tristate Enable/Disable
4	GND/Case
5	Output
8	VDD



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

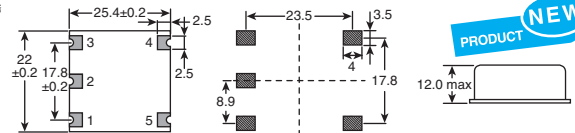
MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
5 Volt							
815-ACH-3.6864-EK	ACH-3.6864MHZ-EK	3.68640	1.30	1.17	1.04	.88	.81
815-ACH-4-EK	ACH-4.000MHZ-EK	4.00000	1.30	1.17	1.04	.88	.81
815-ACH-8-EK	ACH-8.000MHZ-EK	8.00000	1.30	1.17	1.04	.88	.81
815-ACH-10-EK	ACH-10.000MHZ-EK	10.00000	1.30	1.17	1.04	.88	.81
815-ACH-11.0592-EK	ACH-11.0592MHZ-EK	11.05920	1.30	1.17	1.04	.88	.81
815-ACH-12-EK	ACH-12.000MHZ-EK	12.00000	1.30	1.17	1.04	.88	.81
815-ACH-14.31818EK	ACH-14.31818MHZ-EK	14.31818	1.30	1.17	1.04	.88	.81
815-ACH-16-EK	ACH-16.000MHZ-EK	16.00000	1.30	1.17	1.04	.88	.81
815-ACH-18.432-EK	ACH-18.432MHZ-EK	18.43200	1.30	1.17	1.04	.88	.81
815-ACH-20-EK	ACH-20.000MHZ-EK	20.00000	1.30	1.17	1.04	.88	.81
815-ACH-24.576-EK	ACH-24.576MHZ-EK	24.57600	1.30	1.17	1.04	.88	.81
815-ACH-27-EK	ACH-27.000MHZ-EK	27.00000	1.30	1.17	1.04	.88	.81
815-ACH-32-EK	ACH-32.000MHZ-EK	32.00000	1.30	1.17	1.04	.88	.81
815-ACH-32.768-EK	ACH-32.768MHZ-EK	32.76800	1.30	1.17	1.04	.88	.81
815-ACH-40-EK	ACH-40.000MHZ-EK	40.00000	1.30	1.17	1.04	.88	.81
815-ACH-48-EK	ACH-48.000MHZ-EK	48.00000	1.30	1.17	1.04	.88	.81
815-ACH-50-EK	ACH-50.000MHZ-EK	50.00000	1.30	1.17	1.04	.88	.81

3.3 Volt

815-ACHL-3.6864-EK	ACHL-3.6864MHZ-EK	3.68640	1.30	1.17	1.04	.88	.81
815-ACHL-4-EK	ACHL-4.000MHZ-EK	4.00000	1.30	1.17	1.04	.88	.81
815-ACHL-8-EK	ACHL-8.000MHZ-EK	8.00000	1.30	1.17	1.04	.88	.81
815-ACHL-10-EK	ACHL-10.000MHZ-EK	10.00000	1.30	1.17	1.04	.88	.81
815-ACHL-11.0592-EK	ACHL-11.0592MHZ-EK	11.05920	1.30	1.17	1.04	.88	.81
815-ACHL-12-EK	ACHL-12.000MHZ-EK	12.00000	1.30	1.17	1.04	.88	.81
815-ACHL-14.31818EK	ACHL-14.31818MHZ-EK	14.31818	1.30	1.17	1.04	.88	.81
815-ACHL-16-EK	ACHL-16.000MHZ-EK	16.00000	1.30	1.17	1.04	.88	.81
815-ACHL-18.432-EK	ACHL-18.432MHZ-EK	18.43200	1.30	1.17	1.04	.88	.81
815-ACHL-20-EK	ACHL-20.000MHZ-EK	20.00000	1.30	1.17	1.04	.88	.81
815-ACHL-24.576-EK	ACHL-24.576MHZ-EK	24.57600	1.30	1.17	1.04	.88	.81
815-ACHL-25-EK	ACHL-25.000MHZ-EK	25.00000	1.30	1.17	1.04	.88	.81
815-ACHL-27-EK	ACHL-27.000MHZ-EK	27.00000	1.30	1.17	1.04	.88	.81
815-ACHL-32.768-EK	ACHL-32.768MHZ-EK	32.76800	1.30	1.17	1.04	.88	.81
815-ACHL-40-EK	ACHL-40.000MHZ-EK	40.00000	1.30	1.17	1.04	.88	.81
815-ACHL-48-EK	ACHL-48.000MHZ-EK	48.00000	1.30	1.17	1.04	.88	.81
815-ACHL-50-EK	ACHL-50.000MHZ-EK	50.00000	1.30	1.17	1.04	.88	.81



AOCJY SERIES OCXO OSCILLATOR 25.4 X 22



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each			
			1	10	25	50
815-AOCJY-10.0M	AOCJY-10.000MHz	10.000	160.80	152.76	140.70	128.64
815-AOCJY-12.80M	AOCJY-12.800MHz	12.800	160.80	152.76	140.70	128.64
815-AOCJY-20.0M	AOCJY-20.000MHz	20.000	160.80	152.76	140.70	128.64
815-AOCJY-38.880M	AOCJY-38.880MHz	38.880	164.30	156.09	143.76	131.44
815-AOCJY-100.0M	AOCJY-100.000MHz	100.000	171.50	162.93	150.06	137.20
815-AOCJY-10.0ME	AOCJY-10.000MHz-E	10.000	160.80	152.76	140.70	128.64
815-AOCJY-12.80ME	AOCJY-12.800MHz-E	12.800	160.80	152.76	140.70	128.64
815-AOCJY-20.0ME	AOCJY-20.000MHz-E	20.000	160.80	152.76	140.70	128.64
815-AOCJY-38.880ME	AOCJY-38.880MHz-E	38.880	164.30	156.09	143.76	131.44
815-AOCJY-100.0ME	AOCJY-100.000MHz-E	100.000	171.50	162.93	150.06	137.20
815-AOCJY-10.0MF	AOCJY-10.000MHz-F	10.000	160.80	152.76	140.70	128.64
815-AOCJY-12.80MF	AOCJY-12.800MHz-F	12.800	160.80	152.76	140.70	128.64
815-AOCJY-20.0MF	AOCJY-20.000MHz-F	20.000	160.80	152.76	140.70	128.64
815-AOCJY-38.880MF	AOCJY-38.880MHz-F	38.880	164.30	156.09	143.76	131.44
815-AOCJY-100.0MF	AOCJY-100.000MHz-F	100.000	171.50	162.93	150.06	137.20



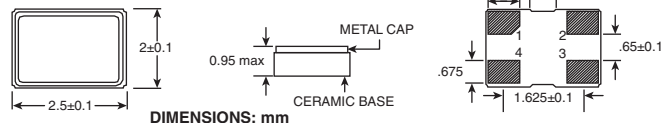
ASDK SERIES 32.768KHZ OSCILLATOR 2.5 X 2.0

Features:

- Seal sealed assure high-reliability performance
- Lower current consumption
- IR-Reflow consumption
- Extend temperature range available

Applications:

- Laptop
- Digital camera
- Wireless LAN
- Bluetooth and mobile communication
- LCD
- PDA and MP3 player



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Volt.	Price Each			
				1	10	100	500
2.5mm x 2.0mm x .95mm							
815-ASDK-32.7K-LRT	ASDK-32.768KHz-LRT	32.768	3.3V	4.05	3.54	3.04	2.70
815-ASDK1-32.7K-LRT	ASDK1-32.768KHz-LRT	32.768	2.5V	4.05	3.54	3.04	2.70
815-ASDK2-32.7K-LRT	ASDK2-32.768KHz-LRT	32.768	1.8V	4.05	3.54	3.04	2.70



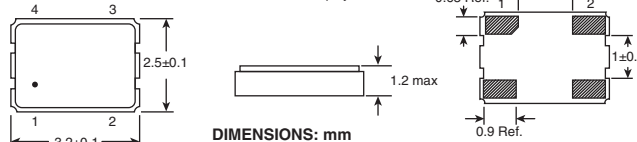
ASEK SERIES 32.768KHZ OSCILLATOR 3.2 X 2.5

Features:

- Seal sealed assure high-reliability performance
- Lower current consumption
- IR-Reflow consumption
- Extend temperature range available

Applications:

- Laptop
- Digital camera
- Wireless LAN
- Bluetooth and mobile communication
- LCD
- PDA and MP3 player



DIMENSIONS: mm

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Volt.	Price Each			
				1	10	100	500
3.2mm x 2.5mm x 1.2mm							
815-ASEK-32.7K-LRT	ASEK-32.768KHz-LRT	32.768	3.3V	3.66	3.20	2.75	2.44
815-ASEK1-32.7K-LRT	ASEK1-32.768KHz-LRT	32.768	2.5V	3.66	3.20	2.75	2.44
815-ASEK2-32.7K-LRT	ASEK2-32.768KHz-LRT	32.768	1.8V	3.66	3.20	2.75	2.44