

# ABRACON SMD Crystal Clock Oscillators

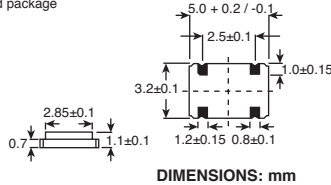


## ASFL1 SERIES MINIATURE CRYSTAL CLOCK OSCILLATORS, 3.2 X 5

**Features:**

- Frequency Range: 1.5MHz to 125.0MHz
- Operating Temperature: -40°C to +85°C
- Stability: ±30ppm (-20°C to +70°C)
- Supply Voltage (VDD): 3.3VDC ±10%
- Low current consumption
- Tight stability option
- Glass sealed package

Pin Assignment	
1	Tristate
2	GND/Case
3	Output
4	VDD



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	25	100	500	1000
815-ASFL1-1.8432-EKT	ASFL1-1.8432MHZ-EK-T	1.8432	3.35	2.85	2.22	1.88	1.38
815-ASFL1-3.6864-EKT	ASFL1-3.6864MHZ-EK-T	3.6864	2.53	2.15	1.76	1.50	1.21
815-ASFL1-4-EK-T	ASFL1-4.000MHZ-EK-T	4.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-7.3728-EKT	ASFL1-7.3728MHZ-EK-T	7.3728	3.35	2.85	2.22	1.88	1.38
815-ASFL1-8-EK-T	ASFL1-8.000MHZ-EK-T	8.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-10-EK-T	ASFL1-10.000MHZ-EK-T	10.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-11.0592EKT	ASFL1-11.0592MHZ-EK-T	11.0592	3.35	2.85	2.33	1.98	1.61
815-ASFL1-12-EK-T	ASFL1-12.000MHZ-EK-T	12.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-14.3181EKT	ASFL1-14.3181MHZ-EK-T	14.3182	2.53	2.15	1.68	1.42	1.04
815-ASFL1-14.7456EKT	ASFL1-14.7456MHZ-EK-T	14.7456	2.53	2.15	1.68	1.42	1.04
815-ASFL1-16-EK-T	ASFL1-16.000MHZ-EK-T	16.0000	3.71	2.82	2.22	1.88	1.38
815-ASFL1-18.432EKT	ASFL1-18.432MHZ-EK-T	18.3420	2.53	2.15	1.68	1.42	1.04
815-ASFL1-20-EK-T	ASFL1-20.000MHZ-EK-T	20.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-24-EK-T	ASFL1-24.000MHZ-EK-T	24.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-24.576EKT	ASFL1-24.576MHZ-EK-T	24.5760	3.71	2.82	2.22	1.88	1.38
815-ASFL1-25-EK-T	ASFL1-25.000MHZ-EK-T	25.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-27-EK-T	ASFL1-27.000MHZ-EK-T	27.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-30-EK-T	ASFL1-30.000MHZ-EK-T	30.0000	2.53	2.15	1.68	1.42	1.04
815-ASFL1-32-EK-T	ASFL1-32.000MHZ-EK-T	32.0000	2.53	2.15	1.68	1.42	1.04
815-ASFL1-33-EK-T	ASFL1-33.000MHZ-EK-T	33.0000	2.53	2.15	1.68	1.42	1.04
815-ASFL1-33.333EKT	ASFL1-33.333MHZ-EK-T	33.3330	2.53	2.15	1.68	1.42	1.04
815-ASFL1-40-EK-T	ASFL1-40.000MHZ-EK-T	40.0000	3.35	2.85	2.22	1.88	1.38
815-ASFL1-50-EK-T	ASFL1-50.000MHZ-EK-T	50.0000	3.71	2.82	2.22	1.88	1.38

Frequency Control

Abracon



## SYNC'N GO® FREQUENCY REFERENCE

- Stand alone 10.00MHz portable precision frequency reference



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Description	Price Each
815-SYNC-10.00MHZ	SYNC-10.00MHZ	Portable Precision Frequency Reference	550.00



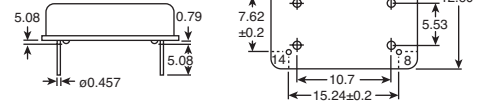
## ACO/ACOL SERIES CRYSTAL CLOCK OSCILLATOR, LEADED



**Features:**

- Frequency Range: 500 Hz to 200 MHz
- Operating Temperature: -20°C to +70°C
- Stability: ±30ppm (-20°C to +70°C)
- HCMOS and TTL compatible
- Fast rise and fall times

Pin Assignment	
1	NC or Tristate Enable/Disable
7	GND/Case
8	Output
14	VDD



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
<b>5 Volt</b>							
815-ACO-3.6864-EK	ACO-3.6864MHZ-EK	3.68640	1.60	1.44	1.28	1.09	.99
815-ACO-4-EK	ACO-4.000MHZ-EK	4.00000	1.60	1.44	1.28	1.09	.99
815-ACO-8-EK	ACO-8.000MHZ-EK	8.00000	1.60	1.44	1.28	1.09	.99
815-ACO-10-EK	ACO-10.000MHZ-EK	10.00000	1.60	1.44	1.28	1.09	.99
815-ACO-11.0592-EK	ACO-11.0592MHZ-EK	11.05920	1.60	1.44	1.28	1.09	.99
815-ACO-12-EK	ACO-12.000MHZ-EK	12.00000	1.60	1.44	1.28	1.09	.99
815-ACO-14.3181EKT	ACO-14.3181MHZ-EK	14.31818	1.60	1.44	1.28	1.09	.99
815-ACO-16-EK	ACO-16.000MHZ-EK	16.00000	1.60	1.44	1.28	1.09	.99
815-ACO-18.432-EK	ACO-18.432MHZ-EK	18.43200	1.60	1.44	1.28	1.09	.99
815-ACO-20-EK	ACO-20.000MHZ-EK	20.00000	1.60	1.44	1.28	1.09	.99
815-ACO-24.576-EK	ACO-24.576MHZ-EK	24.57600	1.60	1.44	1.28	1.09	.99
815-ACO-25-EK	ACO-25.000MHZ-EK	25.00000	1.60	1.44	1.28	1.09	.99
815-ACO-32-EK	ACO-32.000MHZ-EK	32.00000	1.60	1.44	1.28	1.09	.99
815-ACO-32.768-EK	ACO-32.768MHZ-EK	32.76800	1.60	1.44	1.28	1.09	.99
815-ACO-40-EK	ACO-40.000MHZ-EK	40.00000	1.60	1.44	1.28	1.09	.99
815-ACO-48-EK	ACO-48.000MHZ-EK	48.00000	1.60	1.44	1.28	1.09	.99
815-ACO-50-EK	ACO-50.000MHZ-EK	50.00000	1.83	1.64	1.46	1.24	1.13

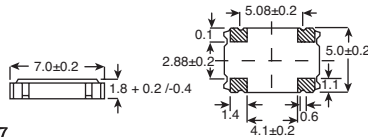


## ASV SERIES CRYSTAL CLOCK OSCILLATOR, 5 X 7

**Features:**

- Frequency Range: 1.000MHz to 150MHz
- Operating Temperature: -40°C to +85°C
- Stability: ±20ppm (-20°C to +70°C)
- Supply Voltage (VDD): 3.3VDC ±10%
- HCMOS and TTL compatible, 3.3VDC operation

Pin Assignment	
1	Tristate enable/disable
2	GND/Case
3	Output
4	VDD



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
815-ASV-1.8432-EJ-T	ASV-1.8432MHZ-EJ-T	1.84320	2.89	2.60	2.28	1.70	1.52
815-ASV-3.6864-EJ-T	ASV-3.6864MHZ-EJ-T	3.68640	2.89	2.60	2.28	1.70	1.52
815-ASV-4-EJ-T	ASV-4.000MHZ-EJ-T	4.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-7.3728-EJ-T	ASV-7.3728MHZ-EJ-T	7.37280	2.89	2.60	2.28	1.70	1.52
815-ASV-8-EJ-T	ASV-8.000MHZ-EJ-T	8.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-10-EJ-T	ASV-10.000MHZ-EJ-T	10.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-11.0592-EJT	ASV-11.0592MHZ-EJ-T	11.05920	2.89	2.60	2.28	1.70	1.52
815-ASV-12-EJ-T	ASV-12.000MHZ-EJ-T	12.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-14.7456-EJ-T	ASV-14.7456MHZ-EJ-T	14.74560	2.89	2.60	2.28	1.70	1.52
815-ASV-16-EJ-T	ASV-16.000MHZ-EJ-T	16.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-16.384-EJ-T	ASV-16.384MHZ-EJ-T	16.38400	2.89	2.60	2.28	1.70	1.52
815-ASV-20-EJ-T	ASV-20.000MHZ-EJ-T	20.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-24-EJ-T	ASV-24.000MHZ-EJ-T	24.00000	2.52	2.27	1.99	1.48	1.33
815-ASV-24.576-EJ-T	ASV-24.576MHZ-EJ-T	24.57600	2.89	2.60	2.28	1.70	1.52
815-ASV-25-EJ-T	ASV-25.000MHZ-EJ-T	25.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-27-EJ-T	ASV-27.000MHZ-EJ-T	27.00000	2.89	2.78	2.30	1.70	1.68
815-ASV-29.4912-EJ-T	ASV-29.4912MHZ-EJ-T	29.49120	2.89	2.60	2.28	1.70	1.52
815-ASV-30-EJ-T	ASV-30.000MHZ-EJ-T	30.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-32-EJ-T	ASV-32.000MHZ-EJ-T	32.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-33-EJ-T	ASV-33.000MHZ-EJ-T	33.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-33.333-EJ-T	ASV-33.333MHZ-EJ-T	33.33300	2.89	2.60	2.28	1.70	1.52
815-ASV-40-EJ-T	ASV-40.000MHZ-EJ-T	40.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-48-EJ-T	ASV-48.000MHZ-EJ-T	48.00000	2.89	2.60	2.28	1.70	1.52
815-ASV-50-EJ-T	ASV-50.000MHZ-EJ-T	50.00000	2.89	2.60	2.28	1.70	1.52



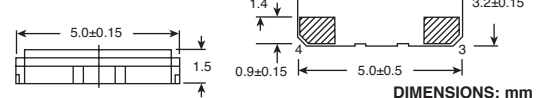
## ASVTX SERIES VOLTAGE CONTROLLED TEMPERATURE COMPENSATED CRYSTAL OSCILLATOR VCTCXO, 3.2 X 5



**Features:**

- Frequency range: 12.800MHz - 19.2MHz
- Operating temperature: -40°C to +85°C
- Supply voltage (Vcc): 3.0VDC ±5%
- Low current consumption
- Tolerance: ±0.5ppm @ 25°C
- Stability: ±2.5ppm (-30°C to +75°C)

Pin Assignment	
1	Vc
2	GND
3	Output
4	VCC



For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Abracon Part No.	Frequency (MHz)	Price Each				
			1	10	50	100	500
815-ASVTX-09-12.800	ASVTX-09-12.800MHZ	12.80	7.50	6.50	5.70	4.50	3.95
815-ASVTX-09-13.000	ASVTX-09-13.000MHZ	13.00	7.50	6.50	5.70	4.50	3.95
815-ASVTX-09-14.400	ASVTX-09-14.400MHZ	14.40	7.50	6.50	5.70	4.50	3.95
815-ASVTX-09-26	ASVTX-09-26.000MHZ	26.00	7.53	6.98	6.12	4.73	3.49