

VOLTAGE CONTROLLED OSCILLATOR UNIT IN SMD 9x7 PCB BASE PACKAGE.
PRODUCT FEATURES

- Dimensions 9x7 with 8 pads.
- Frequency range 100MHz~7.1GHz.
- very low phase noise.
- very low Harmonics 2nd.
- RoHS compliant, LEAD-FREE, HALOGEN-FREE and REACH compliant.

APPLICATIONS

- Ultrashort wave radio
- IEEE 802.11a/n/ac wireless communication
- WiFi 6E analog signal generation
- ISM application
- wireless microphone
- TD-LTE/5G NSA

PRODUCT PHOTO (NOT IN SCALE)

PRODUCT SPECIFICATIONS

HCI PN	Frequency	Output (dBm)	Ripple (dBm)	Vc (V)	Vdd (V)	Current (mA)
VCO97S8-110-170	110~170	4	±1	0~Vdd	3.3~6	12
VCO97S8-110-220	110~220	8	±1	0~5	3~6	14
VCO97S8-125-190	125~190	4	±1	0~Vdd	3~6	12
VCO97S8-125-190H	125~190	8	±1	0~Vdd	3~6	12
VCO97S8-165-225	165~225	5.5	±1	0~5	3~6	12
VCO97S8-230-315	230~315	8	±0.5	0~5	3~6	14
VCO97S8-255-344	255~344	8	±0.5	0~5	3~6	14
VCO97S8-290-400	290~400	10	±0.5	0~5	3~6	17
VCO97S8-300-470	300~470	8	±0.5	0~5	3~6	14
VCO97S8-315-430	315~430	8	±0.5	0~5	3~6	14
VCO97S8-350-475	350~475	8	±0.5	0~5	3~6	14
VCO97S8-380-530	380~530	8	±0.5	0~5	3~6	14
VCO97S8-400-550	400~550	10	±0.5	0~5	3~6	17
VCO97S8-470-620	470~620	10	±0.5	0~5	3~6	17
VCO97S8-570-750	570~750	9	±0.5	0~5	3~6	17
VCO97S8-660-950	660~950	10	±0.5	0~5	3~6	17
VCO97S8-790-1080	790~1080	10	±0.5	0~5	3~6	17
VCO97S8-850-1250	850~1250	8	±0.5	0~9	3~6	17
VCO97S8-930-1200	930~1200	10	±0.5	0~5	3~6	17
VCO97S8-1050-1400	1050~1400	11	±0.5	0~5	3~6	17
VCO97S8-1300-1700	1300~1700	11	±0.5	0~5	3~6	17

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VC097S8-680-960	680~960	10	±0.5	0~5	5	65~90
VC097S8-750-960	750~960	10	±0.5	0~5	5	65~90
VC097S8-1500-1650	1500~1650	8	±0.5	0~5	5	65~90
VC097S8-1400-1800	1400~1800	8	±0.5	0~5	3~6	17
VC097S8-1500-2000	1500~2000	8	±0.5	0~5	3~6	17
VC097S8-1650-2100	1650~2100	8	±0.5	0~5	3~6	17
VC097S8-1900-2300	1900~2300	8	±0.5	0~5	3~6	17
VC097S8-2200-2650	2200~2650	8	±0.5	0~5	3~6	17
VC097S8-2300-2800	2300~2800	8	±0.5	0~9	3~6	17
VC097S8-2300-2900	2300~2900	8	±0.5	0~5	3~6	17
VC097S8-2600-3050	2600~3050	8	±0.5	0~5	3~6	17
VC097S8-2900-3400	2900~3400	8	±0.5	0~9	3~6	17
VC097S8-3100-3800	3100~3800	6	±0.5	0~5	3~6	17
VC097S8-3600-4200	3600~4200	6	±0.5	0~5	3~6	17
VC097S8-3800-4600	3800~4600	6	±0.5	0~5	3~6	17
VC097S8-4000-4500	4000~4500	9	±0.5	0~5	3~6	14
VC097S8-4400-5000	4400~5000	6	±0.5	0~5	3~6	17
VC097S8-4600-5300	4600~5300	6	±0.5	0~5	3~6	11
VC097S8-4900-5600	4900~5600	6	±0.5	0~5	3~6	11
VC097S8-5100-5950	5100~5950	6	±0.5	0~5	3~6	11
VC097S8-5200-5950	5200~5950	6	±0.5	0~5	3~6	11
VC097S8-5450-6100	5450~6100	6	±0.5	0~5	3~6	11
VC097S8-5900-6550	5900~6550	6	±0.5	0~5	3~6	11
VC097S8-6400-7150	6400~7150	3	±0.5	0~5	3~6	11

PACKAGE OUTLINE / DIMENSIONS
