



Voltage Controlled Oscillators 4 to 2500MHz

The content of this specification may change without notification 10/01/09



Oscillators



Plug-in

Voltage Controlled Oscillators 4 to 2500MHz

P/N	Freq. Range (MHz)	Tuning Voltage Range (V)	Tuning Sensitivity (MHz/V)	Phase Noise (dBc/Hz)		DC Supply (V)	Power Output (dBm)	Power Output Flatness (dBm)	Case
				@10KHz	@100KHz				
JXWBVCO-D-4-8	4-8	1.0-16	0.5-1.5	≤ -110	≤ -130	+12	9	±2	D
JXWBVCO-A-4-8	4-8	1.0-16	0.5-1.5	≤ -110	≤ -130	+12	9	±2	A2
JXWBVCO-D-4-15	4-15	1.0-16	1.0-2.0	≤ -110	≤ -130	+12	9	±2	D
JXWBVCO-A-4-15	4-15	1.0-16	1.0-2.0	≤ -110	≤ -130	+12	9	±2	A2
JXWBVCO-D-4-30	4-30	1.0-16	1.0-2.0	≤ -110	≤ -130	+12	9	±2	D
JXWBVCO-A-4-30	4-30	1.0-16	1.0-2.0	≤ -110	≤ -130	+12	9	±2	A2
JXWBVCO-D-25-50	25-50	1.0-16	1.0-2.0	≤ -100	≤ -120	+12	9	±2	D
JXWBVCO-A-25-50	25-50	1.0-16	1.0-2.0	≤ -100	≤ -120	+12	9	±2	A2
JXWBVCO-D-37-75	37-75	1.0-16	1.8-3.0	≤ -100	≤ -120	+12	9	±2	D
JXWBVCO-A-37-75	37-75	1.0-16	1.8-3.0	≤ -100	≤ -120	+12	9	±2	A2
JXWBVCO-D-50-100	50-100	1.0-16	2.4-3.5	≤ -100	≤ -120	+12	9	±2	D
JXWBVCO-A-50-100	50-100	1.0-16	2.4-3.5	≤ -100	≤ -120	+12	9	±2	A2
JXWBVCO-D-75-150	75-150	1.0-16	5.0-6.8	≤ -100	≤ -120	+12	9	±2	D
JXWBVCO-A-75-150	75-150	1.0-16	5.0-6.8	≤ -100	≤ -120	+12	9	±2	A2
JXWBVCO-D-105-200	105-200	1.0-16	6.0-8.5	≤ -97	≤ -118	+12	9	±2	D
JXWBVCO-A-105-200	105-200	1.0-16	6.0-8.5	≤ -97	≤ -118	+12	9	±2	A2
JXWBVCO-D-160-300	160-300	1.0-16	7.5-9.5	≤ -93	≤ -114	+12	9	±2	D
JXWBVCO-A-160-300	160-300	1.0-16	7.5-9.5	≤ -93	≤ -114	+12	9	±2	A2
JXWBVCO-D-220-400	220-400	1.0-16	11-17	≤ -90	≤ -110	+12	9	±2	D
JXWBVCO-A-220-400	220-400	1.0-16	11-17	≤ -90	≤ -110	+12	9	±2	A2
JXWBVCO-D-320-550	320-550	1.0-16	13-21	≤ -85	≤ -105	+12	9	±2	D
JXWBVCO-A-320-550	320-550	1.0-16	13-21	≤ -85	≤ -105	+12	9	±2	A2
JXWBVCO-D-480-760	480-760	1.0-16	15-25	≤ -85	≤ -105	+12	9	±2	D
JXWBVCO-A-480-760	480-760	1.0-16	15-25	≤ -85	≤ -105	+12	9	±2	A2
JXWBVCO-D-500-900	500-900	1.0-20	16-40	≤ -80	≤ -105	+12	8	±2	D
JXWBVCO-A-500-900	500-900	1.0-20	16-40	≤ -80	≤ -105	+12	8	±2	A2
JXWBVCO-D-700-1050	700-1050	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-700-1050	700-1050	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-850-1200	850-1200	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-850-1200	850-1200	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-970-1400	970-1400	1.0-20	16-40	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-970-1400	970-1400	1.0-20	16-40	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-1350-1800	1350-1800	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-1350-1800	1350-1800	1.0-20	18-35	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-1650-2100	1650-2100	1.0-20	16-40	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-1650-2100	1650-2100	1.0-20	16-40	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-1800-2500	1800-2500	1.0-20	18-45	≤ -80	≤ -100	+12	8	±2	D
JXWBVCO-A-1800-2500	1800-2500	1.0-20	18-45	≤ -80	≤ -100	+12	8	±2	A2
JXWBVCO-D-120-200	120-200	1.0-12	6.0±2.0	≤ -106	≤ -126	+12	8	±2	D
JXWBVCO-D-200-300	200-300	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	8	±2	D
JXWBVCO-D-300-400	300-400	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	9	±2	D
JXWBVCO-D-500-600	500-600	1.0-12	8.0±2.0	≤ -103	≤ -123	+12	9	±2	D
JXWBVCO-D-750-850	750-850	1.0-12	8.0±2.0	≤ -100	≤ -120	+12	9	±2	D
JXWBVCO-D-850-950	850-950	1.0-12	8.0±2.0	≤ -100	≤ -120	+12	8	±2	D
JXWBVCO-D-1050-1200	1050-1200	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	D
JXWBVCO-D-1200-1400	1200-1400	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	D
JXWBVCO-D-1300-1600	1300-1600	1.0-12	18±2.0	≤ -85	≤ -105	+12	8	±2	D
JXWBVCO-D-1450-1700	1450-1700	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	D
JXWBVCO-D-1550-1800	1550-1800	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	D
JXWBVCO-D-1650-1900	1650-1900	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	D
JXWBVCO-D-1700-2000	1700-2000	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	D

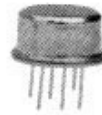
Oscillators



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TO8D



TO8E

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Continued

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				@10KHz	@100KHz				
JXWBVCO-TD-120-200	120-200	1.0-12	6.0±2.0	≤ -106	≤ -126	+12	8	±2	TO 8D
JXWBVCO-TE-120-200	120-200	1.0-12	6.0±2.0	≤ -106	≤ -126	+12	8	±2	TO 8E
JXWBVCO-TD-200-300	200-300	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	8	±2	TO 8D
JXWBVCO-TE-200-300	200-300	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	8	±2	TO 8E
JXWBVCO-TD-300-400	300-400	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	9	±2	TO 8D
JXWBVCO-TE-300-400	300-400	1.0-12	8.0±2.0	≤ -105	≤ -125	+12	9	±2	TO 8E
JXWBVCO-TD-500-600	500-600	1.0-12	8.0±2.0	≤ -103	≤ -123	+12	9	±2	TO 8D
JXWBVCO-TE-500-600	500-600	1.0-12	8.0±2.0	≤ -103	≤ -123	+12	9	±2	TO 8E
JXWBVCO-TD-750-850	750-850	1.0-12	9.0±2.0	≤ -100	≤ -120	+12	9	±2	TO 8D
JXWBVCO-TE-750-850	750-850	1.0-12	9.0±2.0	≤ -100	≤ -120	+12	9	±2	TO 8E
JXWBVCO-TD-850-950	850-950	1.0-12	9.0±2.0	≤ -100	≤ -120	+12	8	±2	TO 8D
JXWBVCO-TE-850-950	850-950	1.0-12	9.0±2.0	≤ -100	≤ -120	+12	8	±2	TO 8E
JXWBVCO-TD-1050-1200	1050-1200	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	TO 8D
JXWBVCO-TE-1050-1200	1050-1200	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	TO 8E
JXWBVCO-TD-1200-1400	1200-1400	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	TO 8D
JXWBVCO-TE-1200-1400	1200-1400	1.0-12	13±2.0	≤ -90	≤ -110	+12	8	±2	TO 8E
JXWBVCO-TD-1300-1600	1300-1600	1.0-12	18±2.0	≤ -85	≤ -105	+12	8	±2	TO 8D
JXWBVCO-TE-1300-1600	1300-1600	1.0-12	18±2.0	≤ -85	≤ -105	+12	8	±2	TO 8E
JXWBVCO-TD-1450-1700	1450-1700	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8D
JXWBVCO-TE-1450-1700	1450-1700	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8E
JXWBVCO-TD-1550-1800	1550-1800	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8D
JXWBVCO-TE-1550-1800	1550-1800	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8E
JXWBVCO-TD-1650-1900	1650-1900	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8D
JXWBVCO-TE-1650-1900	1650-1900	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8E
JXWBVCO-TD-1750-2000	1750-2000	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8D
JXWBVCO-TE-1750-2000	1750-2000	1.0-12	17±3.0	≤ -85	≤ -105	+12	8	±2	TO 8E

Notes:

1. For Commerical Application: Operating Temperature : -20 °C to +60 °C. Storage Temperature : -30 °C to +70 °C.
2. For Military Application: Operating Temperature : -40 °C to +80 °C. Storage Temperature : -55 °C to +85 °C.
3. Custom Designs Available