



Series : **VJ3, VK1, VK3, VH2, VJ1, VF1**

Features

- Small size and thin shape design by development of high density substrate design technology and mounting technology
- High performance is secured by low current consumption
- Band selection Devices

Recommended Applications

- Digital / analog cellular systems

■ Performance Specifications, Summary

(Single band type)

Application	Series	Oscillator Frequency(MHz)	Supply Voltage	Current Consumption	Output Level	Control Voltage range	Control Sensitivity(typ.)
PDC800	VJ3	680 to 768	2.6 V	5 mA max.	— 2 dBm	0.6V to 2.4V	61MHz / V
PDC800	VK1	696 to 771	2.7 V	4.9 mA max.	— 2 dBm	0.8V to 2.3V	63MHz / V
PDC1.5G	VK1	1540 to 1564	2.4 V	4.3 mA max.	— 5 dBm	0.7V to 2.1V	35MHz / V
PDC1.5G	VK3	1540 to 1564	2.4 V	4.3 mA max.	— 5 dBm	0.7V to 2.1V	35MHz / V
J-CDMA	VK1	1442 to 1524	2.7 V	5.6 mA max.	— 3.5 dBm	0.6V to 2.3V	65MHz / V
K-CDMA	VJ3	954 to 980	2.8 V	7 mA max.	— 3 dBm	0.5V to 2.5V	23MHz / V
K-CDMA	VK1	952 to 982	2.9 V	8 mA max.	— 2 dBm	0.5V to 2.5V	22MHz / V

(Dual band type)

Application	Series	Oscillator Frequency-1 (MHz)	Oscillator Frequency-2 (MHz)	Supply Voltage	Current Consumption(max.)	Output Level	Control Voltage range	Control Sensitivity-1 (typ.)	Control Sensitivity-2 (typ.)
PDC800/1.5G Dual	VH2MRD	1233 to 1278	1143 to 1198	2.8 V	7.5 mA max.	—2.0 dBm	0.6 V to 2.4 V	53	50
PDC800/1.5G Dual	VJ1MRD	696 to 771	1590 to 1660	2.7 V	5.8 mA max.	— 2.5 dBm	0.6 V to 2.4 V	56	56
GSM	VH2MRX	1285 to 1361	1445 to 1520	2.8 V	10.0 mA max.	—0.0 dBm	0.5 V to 2.2 V	75	85

■ Dimensions in mm (not to scale)

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Dimensions	W	D	H
Series	W	D	H
VJ3	5.5	4.8	1.6
VK1	5.0	4.0	1.6
VK3	4.5	3.4	1.6
VH2	7.8	6.0	1.6
VJ1	6.5	5.5	1.6
VF1	9.0	7.0	1.8