

SPECIFICATIONS:

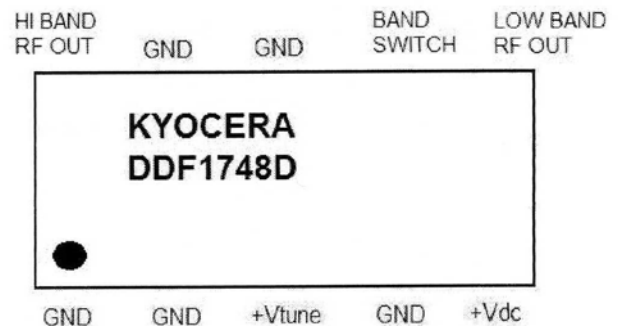
- **Frequency range (HIGH BAND):** 1400 - 1590 MHz @ 0 – 2.8V tuning voltage
- **Frequency range (HIGH BAND):** 1400 - 1630 MHz @ 0 - 6V tuning voltage
- **Frequency range (LOW BAND):** 1225 - 1390 MHz @ 0 - 2.8V tuning voltage
- **Frequency range (LOW BAND):** 1225 - 1440 MHz @ 0 - 6V tuning voltage
- **Output level:** 4mW @ 2 - 3.2V power supply
- **Tuning sensitivity:** 20 - 70 MHz/V
- **Modulation:** to apply to the tuning pin
- **Power supply:** 2.5 - 3.2V, 5 - 19mA
- **Dimensions (W x L x H):** 7 x 9.6 x 1.6 mm
- **Package:** SMD



Output level Vs. power supply				
HIGH BAND				
Power supply		Tuning voltage	RF output	Frequency
V	mA	(V)	(dBm)	(MHz)
2.5	5	4	+3	1894
2.8	15	4	+6.8	1897
3.2	19	4	+8.1	1893
LOW BAND				
Power supply		Tuning voltage	RF output	Frequency
V	mA	(V)	(dBm)	(MHz)
2.5	5	4	+3	968
2.8	16	4	+4.2	966
3.2	19	4	+5.1	965

Typical frequency Vs. tuning voltage		
(3V power supply)		
HIGH BAND		
Tuning voltage (V)	Frequency (MHz)	Output level (dBm)
0	1638	+5.2
1	1711	+5.8
2	1778	+6.2
3	1845	+6.5
4	1896	+6.7
5	1936	+6.7
6	1967	+6.6
LOW BAND		
Tuning voltage (V)	Frequency (MHz)	Output level (dBm)
0	844	+4.7
1	884	+4.7
2	914	+4.5
3	944	+4.3
4	967	+4.1
5	985	+3.8
6	997	+3.7

Top view



BAND SWITCH OPEN = HIGH BAND
 BAND SWITCH TO GND = LOW BAND

Bottom view

