

SPECIFICATIONS:

- **Frequency range:** 700 - 770 MHz @ 0.5 - 8V tuning voltage
- **Frequency range:** 700 - 800 MHz @ 0.5 - 12V tuning voltage
- **Output level:** 2mW @ 5V power supply
- **Tuning sensitivity:** 10 MHz/V linear
- **Modulation:** to apply to the tuning pin
- **Phase noise:** -108 dBc/Hz @ 10 KHz
- **Power supply:** 4 - 6V, 17 - 34mA
- **Dimensions (W x L x H):** 12.7 x 12.7 x 4 mm
- **Package:** SMD



Output level Vs. power supply

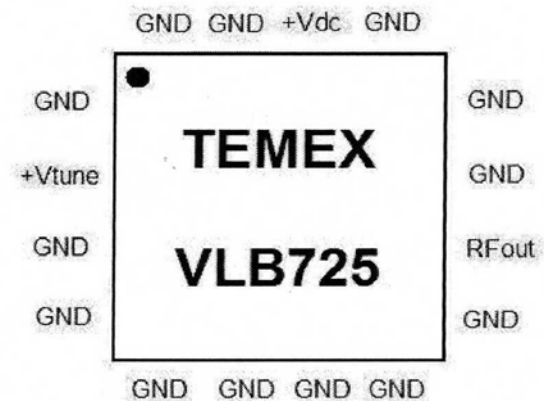
| Power supply | | Tuning voltage | RF output | | Frequency |
|--------------|----|----------------|-----------|-----|-----------|
| V | mA | (V) | mW | dBm | (MHz) |
| 5 | 26 | 4 | | +3 | 736 |

Typical frequency Vs. tuning voltage

(5V power supply)

| Tuning voltage (V) | Frequency (MHz) | Output level (dBm) |
|--------------------|-----------------|--------------------|
| 0 | 695 | +3 |
| 1 | 703 | +3 |
| 2 | 713 | +3 |
| 3 | 726 | +3 |
| 4 | 736 | +3 |
| 5 | 744 | +3 |
| 6 | 753 | +3 |
| 7 | 763 | +3 |
| 8 | 773 | +3 |
| 9 | 783 | +3 |
| 10 | 793 | +3 |
| 12 | 816 | +3 |
| 14 | 836 | +2 |
| 16 | 856 | +2 |
| 18 | 870 | +2 |

Top view



Bottom view

