

|                   |   |
|-------------------|---|
| IP Name:          | CMOS Active Mixer Design  |
| Grade:            | Verification  |
| Process:          | 0.35um  |
| Foundry:          | TSMC  |
| Features:         | 1.8V<br>IIP3 -7.5dBm<br>NF 14.7dB                                   |
| Release Notes:    | RF frequency 2.4GHz<br>IF frequency 300MHz<br>Conversion gain 6.7dB |
| Supply Voltage    | 1.8 V   |
| Power Consumption | 5.94 mW   |
| Die Size          | 0.386 mm <sup>2</sup>   |
| Aspect Ratio      | 0.755   |

