



Supports:
 VCC for GSM 1800 LNA - 13
 VCC for OPLL & Phase detector - 15
 VCC for IQ Modulator - 23
 VCC for BaseBand - 46
 VCC for RF Local Buffer & Divider - 47
 VCC for Direct Conversion Mixers - 51

Supports:
 VCC for IFVCO & Divider
 VCC for IF Synth & TCXO Divider (13Mhz)
 VCC for RF Synth & TCXO I/P Buffer (13Mhz)

EGSM RX
 Low Channel - 975 = 925.2Mhz
 Mid Channel - 37 = 942.4Mhz
 High Channel - 124 = 959.8Mhz

GSM 1800 RX
 Low Channel - 512 = 1805.2Mhz
 Mid Channel - 700 = 1842.8Mhz
 High Channel - 885 = 1879.8Mhz

EGSM TX
 Low Channel - 975 = 880.2Mhz
 Mid Channel - 37 = 897.4.4Mhz
 High Channel - 124 = 914.8Mhz

GSM 1800 TX
 Low Channel - 512 = 1710.2Mhz
 Mid Channel - 700 = 1747.8Mhz
 High Channel - 885 = 1784.8Mhz

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|---|-------------|
| GSM SERVICE SUPPORT GROUP | 01.11.13 |
| LEVEL 3 RF Block Diagram | Rev. 1.2 |
| Dual Band Amethyst | |
| Michael Hansen, Ray Collins, Ralf Lorenzen-Scheil | Page 1 of 2 |

- RX SIGNAL PATH
- TX SIGNAL PATH
- MAIN VCO SIGNAL PATH
- TUNING VOLTAGES
- REFERENCE CLOCK
- Orderable Part
- Non - Orderable Part

Dual Band T191

