# Registro 0

| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 007d0000 | | 0000 | 0000 | 0111 | 1101 | 0000 | 0000 | 0000 | 0000 | 00000000011111010000000000000000 |

| | | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| 31 | | 0 | | | | | FRAC MODE | |
| 30:15 | 0000000011111010 | 0000 | 0000 | 1111 | 1010 | | N DIVIDER | |
| | HEX | 0 | 0 | F | A | | | |
| | DEC | 250 | | | | | | |
| 14:03 | 000000000000 | | 0000 | 0000 | 0000 | | FRAC VALUE | |
| | HEX | 0 | 0 | 0 | 0 | | | |
| | DEC | 0 | | | | | | |
| 2:0 | | 00 | | | | | ADDRES | |

# Registro 1

| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 2000FFF9 | | 0010 | 0000 | 0000 | 0000 | 1111 | 1111 | 1111 | 1001 | 00100000000000001111111111111001 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 31 | | | 0 | | | | CLAMP OUTPUT DISABLE |
| 30:29 | 01 | | 01 | | | | CP LINEARITY (FRAC MODE) |
| | | HEX | 1 | | | | |
| | | DEC | 1 | | | | |
| 28:27 | 00 | | 00 | | | | CHARGE PUMP NORMAL |
| | | HEX | 0 | | | | |
| | | DEC | 0 | | | | |
| 26:15 | 000000000001 | | 0000 | 0000 | 0001 | | PHASE VALUE |
| | | HEX | 0 | 0 | 1 | | |
| | | DEC | 1 | | | | |
| 14:3 | 111111111111 | | 1111 | 1111 | 1111 | | MOD VALUE |
| | | HEX | F | F | F | | |
| | | DEC | 4095 | | | | |
| 2:0 | 001 | | | | | | |

# Registro 2

| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 00004042 | | 0000 | 0000 | 0000 | 0000 | 0100 | 0000 | 0100 | 0010 | 00000000000000000100000001000010 |

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| 31 | 0 | | | | | | **LOCK DETECT SPED** |
| 30:29 | 00 | | 00 | | | | **LOW NOISE** |
| | | HEX | 0 | | | | |
| | | DEC | 0 | | | | |
| 28:26 | 000 | | 000 | | | | **MUX_OUT THREE STATE** |
| | | HEX | 0 | | | | |
| | | DEC | 0 | | | | |
| 25 | 0 | | 0 | | | | **DOUBLER DISA** |
| | | HEX | 0 | 0 | 0 | | |
| | | DEC | 0 | | | | |
| 24 | 0 | | 0 | | | | **DIVDER-2 DISA** |
| | | HEX | 0 | 0 | 0 | | |
| | | DEC | 0 | | | | |
| 23:14 | 0000000001 | | 0000 | 0000 | 01 | | **DIVIDER VALUE** |
| | | HEX | 0 | 0 | 1 | | |
| | | DEC | 1 | | | | |
| 13 | 0 | | 0 | | | | **DOBLE BUFFER DIS** |
| | | HEX | 0 | | | | |
| | | DEC | 0 | | | | |
| 12:9 | 0000 | | 0000 | | | | **CHARGE PUMP CURRENT = 0.32mA** |
| | | HEX | 0 | | | | |
| | | DEC | 0 | | | | |
| 8 | 0 | | 0 | | | | **FRAC-N LOCK DETECT** |
| 7 | 0 | | 0 | | | | **LOCK DETEC PRES = 10nS** |
| 6 | 1 | | 1 | | | | **PHASE DETECTOR POSITIVE** |
| 5 | 0 | | 0 | | | | **POWER MODE NORMAL** |
| 4 | 0 | | 0 | | | | **CHARGE PUMP THREE STATE DISA** |
| 3 | 0 | | 0 | | | | **COUNTER RESET MODE = NORMAL** |

# Registro 3

| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 0000000B | | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 0000 | 1011 | 00000000000000000000000000001011 |
| 31:26 | 000000 | | 0000 | 00 | | | VCO = 0 | | | | |
| | | HEX | 0 | 0 | | | | | | | |
| | | DEC | 0 | | | | | | | | |
| 25 | 0 | | | | | | VAS ENA | | | | |
| 24 | 0 | | | | | | VAS TEMP RETUNE DIS | | | | |
| 23:18 | 000000 | | 0000 | 00 | | | RESERVED PUT IN 000000 | | | | |
| | | HEX | 0 | 0 | | | | | | | |
| | | DEC | 0 | | | | | | | | |
| 17 | 0 | | | | | | RESERVED PUT IN 0 | | | | |
| 16:15 | 00 | | 00 | | | | CLOCK DIVIDER OFF | | | | |
| | | HEX | 0 | | | | | | | | |
| | | DEC | 0 | | | | | | | | |
| 14:3 | 000000000001 | | 0000 | 0000 | 0001 | | CLOCK DIVIDER = 1 | | | | |
| | | HEX | 0 | 0 | 1 | | | | | | |
| | | DEC | 1 | | | | | | | | |
| 2:0 | 011 | | | | | | | | | | |

# Registro 4

| | | | 1 | | 2 | | 3 | | 4 | | 5 | | 6 | | 7 | | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 6180B23C | 0110 | | 0001 | | 1000 | | 0000 | | 1011 | | 0010 | | 0011 | | 1100 | | 01100001100000010110010001111100 |

| 31:26 | 011000 | 0110 | 00 | | RESERVED. PROGRAM TO 0110000 |
|---|---|---|---|---|---|
| | HEX | 6 | 0 | | |
| | DEC | 96 | | | |
| 25:24 | 01 | 01 | | | BAND SELECT MSB |
| | HEX | 1 | | | |
| | DEC | 1 | | | |
| 23 | 1 | | | | VCO FEDBACK MODE = FUNDAMENTAL |
| 22:20 | 000 | 000 | | | RF OUTPUT DIVIDER = 1 |
| | HEX | 0 | | | |
| | DEC | 0 | | | |
| 19:12 | 00001011 | 0000 | 1011 | | BAND SELECT CLK DIVIDER VALUE = 267 |
| | HEX | 0 | B | | |
| | DEC | 11 | | | |
| 11 | 0 | | | | RESERVED PUT IN 0 |
| 10 | 0 | | | | RESERVED PUT IN 0 |
| 9 | 1 | | | | RF_B VCO DIVIDED |
| 8 | 0 | | | | RF_B OUTPUT DIS |
| 7:6 | 00 | 00 | | | RF_B OUTPUT POWER = -4dbm |
| | HEX | 0 | | | |
| | DEC | 0 | | | |
| 5 | 1 | | | | RF_A OUTPUT EN |
| 4:3 | 11 | 11 | | | RF_A OUTPUT POWER = +5dbm |
| | HEX | 3 | | | |
| | DEC | 3 | | | |

# Registro 5

| | | | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | BIT MODE |
|---|---|---|---|---|---|---|---|---|---|---|---|
| Default | 00400005 | | 0000 | 0000 | 0100 | 0000 | 0000 | 0000 | 0000 | 0101 | 00000000010000000000000000000101 |

| | | | | | | |
|---|---|---|---|---|---|---|
| 31:25 | 0000000 | | 0000 | 000 | | RESERVED. PROGRAM TO 0000000 |
| | | HEX | 0 | 0 | | |
| | | DEC | 0 | | | |
| 24 | 0 | | | | | AUTO SET OF INTEGER MODE IF F = 0 EN |
| 23:22 | 01 | | 01 | | | LOCK DETECT MODE = DIGITAL |
| | | HEX | 1 | | | |
| | | DEC | 1 | | | |
| 21:19 | 000 | | 000 | | | RESERVED. PROGRAM TO 000 |
| | | HEX | 0 | | | |
| | | DEC | 0 | | | |
| 18 | 0 | | | | | MUX_OUT MSB |
| 17:3 | 000000000000000 | | 0000 | 0000 | 0000 | 000 | RESERVED PROGRAM TO 0000 0000 0000 000 |
| | | HEX | 0 | | | |
| | | DEC | 0 | | | |