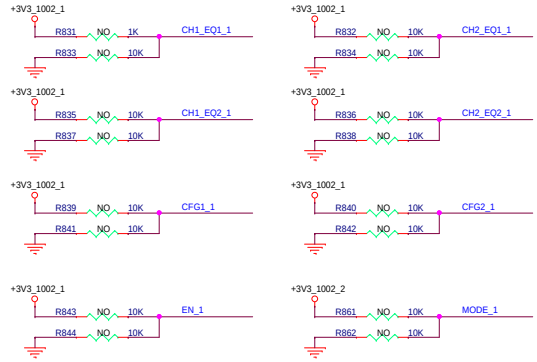


**Table 1. 4-Level Control Pin Settings**

| LEVEL | SETTINGS |
|---|---|
| 0 | Option 1: Tie 1 KΩ 5% to GND.<br>Option 2: Tie directly to GND. |
| R | Tie 20 KΩ 5% to GND. |
| F | Float (leave pin open) |
| 1 | Option 1: Tie 1 KΩ 5% to $V_{CC}$.<br>Option 2: Tie directly to $V_{CC}$. |

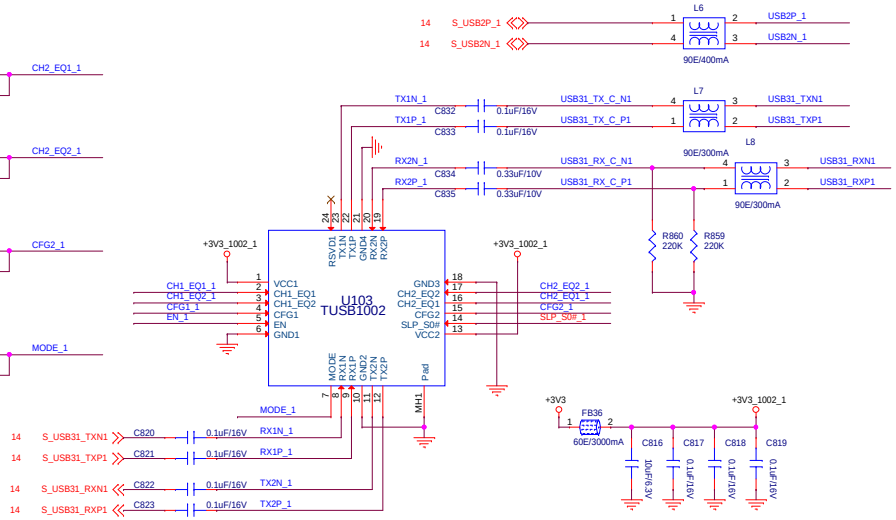


**Table 2. EQ Configuration Options for 1200mV Linearity 0 dB DC Gain Setting**

| EQ SETTING # | CHx_EQ2 PIN LEVEL | CHx_EQ1 PIN LEVEL | EQ GAIN at 2.5GHz / 5 GHz (dB) |
|---|---|---|---|
| 1 | 0 | 0 | 1.9 / 5.5 |
| 2 | 0 | R | 2.8 / 7.1 |
| 3 | 0 | F | 3.5 / 8.2 |
| 4 | 0 | 1 | 4.4 / 9.3 |
| 5 | R | 0 | 5.0 / 10.2 |
| 6 | R | R | 5.8 / 11.1 |
| 7 | R | F | 6.4 / 11.8 |
| 8 | R | 1 | 7.1 / 12.6 |
| 9 | F | 0 | 7.6 / 13.1 |
| 10 | F | R | 8.2 / 13.8 |
| 11 | F | F | 8.7 / 14.3 |
| 12 | F | 1 | 9.2 / 14.8 |
| 13 | 1 | 0 | 9.6 / 15.2 |
| 14 | 1 | R | 10.1 / 15.6 |
| 15 | 1 | F | 10.4 / 16.0 |
| 16 | 1 | 1 | 10.6 / 16.3 |

**Table 3. VOD Linear Range and DC Gain**

| SETTING # | CFG1 PIN LEVEL | CFG2 PIN LEVEL | CH1 DC GAIN (dB) | CH2 DC GAIN (dB) | CH1 $V_{OD}$ LINEAR RANGE (mVpp) | CH2 $V_{OD}$ LINEAR RANGE (mVpp) |
|---|---|---|---|---|---|---|
| 1 | 0 | 0 | +1 | 0 | 900 | 900 |
| 2 | 0 | R | 0 | +1 | 900 | 900 |
| 3 | 0 | F | 0 | 0 | 900 | 900 |
| 4 | 0 | 1 | +1 | +1 | 900 | 900 |
| 5 | R | 0 | 0 | 0 | 1000 | 1000 |
| 6 | R | R | +1 | 0 | 1000 | 1000 |
| 7 | R | F | 0 | -1 | 1000 | 1000 |
| 8 | R | 1 | +2 | +2 | 1000 | 1000 |
| 9 | F | 0 | -1 | -1 | 1200 | 1200 |
| 10 | F | R | -2 | -2 | 1200 | 1200 |
| 11 | F | F | 0 | 0 | 1200 | 1200 |
| 12 | F | 1 | +1 | +1 | 1200 | 1200 |
| 13 | 1 | 0 | -1 | 0 | 1200 | 1200 |
| 14 | 1 | R | 0 | -1 | 1200 | 1200 |
| 15 | 1 | F | 0 | +1 | 1200 | 1200 |
| 16 | 1 | 1 | +1 | 0 | 1200 | 1200 |