|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Register** | **MIN value** | **MAX value** | **WIDTH** | **FORMAT** |
| **R1** | -256 | 254 | 9 [8:0] | s9i0f |
| **R2** | -256 | 254 | 9 [8:0] | s9i0f |
| **R3** | -256 | 254 | 9 [8:0] | s9i0f |
| **R4** | -256 | 254 | 9 [8:0] | s9i0f |
| **R5** | -512 | 508 | 10 [9:0] | s10i0f |
| **R6** | -512 | 508 | 10 [9:0] | s10i0f |
| **R7** | -512 | 508 | 10 [9:0] | s10i0f |
| **R8** | -1024 | 1016 | 11 [10:0] | s10i0f |
| **R9** | -1024 | 1016 | 11 [10:0] | s10i0f |
| **R10** | -1338 | 1327 | 12 [11:0] | s11i0f |
| **R11** | -1337 | 1327 | 12 [11:0] | s11i0f |
| **R12** | -1337 | 1327 | 12 [11:0] | s11i0f |
| **R13** | -1337 | 1327 | 12 [11:0] | s11i0f |
| **R14** | -1337 | 1327 | 12 [11:0] | s11i0f |
| **R15** | -2674 | 2654 | 13 [12:0] | s12i0f |
| **R16** | -256 | 254 | 9 [8:0] | s9i0f |
| **R17** | -256 | 254 | 9 [8:0] | s9i0f |
| **R18** | -1593 | 1581 | 13 [12:0] | s12i0f |
| **R19** | -1593 | 1581 | 13 [12:0] | s12i0f |
| **R20** | -1593 | 1581 | 13 [12:0] | s12i0f |
| **R21** | -1593 | 1581 | 13 [12:0] | s12i0f |
| **R22** | -3186 | 3162 | 13 [12:0] | s12i0f |
| **R23** | -3186 | 3162 | 13 [12:0] | s12i0f |
| **R24** | -3186 | 3162 | 13 [12:0] | s12i0f |
| **R25** | -5860 | 5816 | 14 [13:0] | s13i0f |