|  |  |  |  |
| --- | --- | --- | --- |
| Name | Direction | Width | Description |
| Clk | In | 1 |  |
| Reset | In | 1 |  |
| Ring\_impulse\_valid | In | 1 | Valid of the ring impulse |
| Ring\_impulse | In | Raidus\*deltaw\*DW |  |
| Coef\_valid | In | 1 | Valid of the coef |
| Coef | In | Radius\*depth\*DW |  |
| Kernel\_valid | Out | 1 | Valid of the output kernel |
| Kernel | Out | Depth\*deltaw\*DW |  |

