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| --- | --- | --- | --- | --- | --- | --- |
| **Activation functions** | **HLS-Utilization(FF)** | **HLS-Utilization(LUT’s)** | **Vivado-utilization(FF)** | **Vivado-utilization(LUT’s)** | **FPS-software** | **FPS-Hardware** |
| ReLu | 69519 | 354927 | 44530 | 52406 | 456 | 2393.4 |
| Sigmoid | 70351 | 357155 | 45567 | 55314 | 450.3 | 2297.9 |
| Padde | 70531 | 356952 | 45789 | 60195 | 452.9 | 2227.7 |