|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
| LD | 0 | 0 | 0 | R0/R1 | Offset-4 | | |
| ST | 0 | 0 | 1 | R0/R1 | Offset-4 | | |
| ADD | 0 | 1 | Store Register | | Rx | | Ry |
| AND | 1 | 0 | Store Register | | Rx | | Ry |
| BRnzp | 1 | 1 | n | z | p | Offset-3 | |