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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
|  | **Bit number** | | | | | | | | | | | | | | | |
| **Name** | **15** | **14** | **13** | **12** | **11** | **10** | **9** | **8** | **7** | **6** | **5** | **4** | **3** | **2** | **1** | **0** |
| NOP | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 0 | 1 |
| MOVE | 0 | 0 | S | | Xn | | | M | | | M | | | Xn | | |
| MOVEM | 0 | 1 | 0 | 0 | 1 | D | 0 | 0 | 1 | S | M | | | Xn | | |
| ADD | 1 | 1 | 0 | 1 | Dn | | | D | S | | M | | | Xn | | |
| SUB | 1 | 0 | 0 | 1 | Dn | | | D | S | | M | | | Xn | | |
| AND | 1 | 1 | 0 | 0 | Dn | | | D | S | | M | | | Xn | | |
| MULS | 1 | 1 | 0 | 0 | Dn | | | 1 | 1 | 1 | M | | | Xn | | |
| DIVU | 1 | 0 | 0 | 0 | Dn | | | 0 | 1 | 1 | M | | | Xn | | |
| LEA | 0 | 1 | 0 | 0 | An | | | 1 | 1 | 1 | M | | | Xn | | |
| NOT | 0 | 1 | 0 | 0 | 0 | 1 | 1 | 0 | S | | M | | | Xn | | |
| LSL | 1 | 1 | 1 | 0 | 0 | 0 | 0 | D | 1 | 1 | M | | | Xn | | |
| ASL | 1 | 1 | 1 | 0 | 0 | 0 | 0 | D | 1 | 1 | M | | | Xn | | |
| BRA | 0 | 1 | 1 | 0 | 0 | 0 | 0 | 0 | Displacement | | | | | | | |
| BGT | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 0 | Displacement | | | | | | | |
| BLE | 0 | 1 | 1 | 0 | 1 | 1 | 1 | 1 | Displacement | | | | | | | |
| BEQ | 0 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | Displacement | | | | | | | |
| JSR | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | M | | | Xn | | |
| RTS | 0 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 0 | 1 | 1 | 1 | 0 | 1 | 0 | 1 |