| | | 80 | | | | | | |
|--|---------------------------------|--|----------------|--|--|--|---|-----|
| Read Vi from LOCAL memory address Ak Write Vi into LOCAL memory address Ak | 50 [28] | LA73 | ULLOCAL | | | 074507 075507 | 00000004346 0000000434c | .0 |
| Read Vi from common memory addr. AJ, inc. Ak Write Vi into common memory addr. AJ, inc. Ak Gather Vi from common memory address VJ+Ak Scatter Vi into common memory address VJ+Ak | (86, 87) (87, V6) (5 | (A5, A73 U5 (A7, U63 | U_COMMON | | 8 | 070567 071567 072567 073567 | 22222224336 222222224336 222222224336 222222243434 | |
| Write Si into common memory address AJ+AK Read Si from common memory address AK Write Si into common memory address AK Read Si from common memory address AK+offset Write Si into common memory address AK+offset Read Si from constant common memory address Write Si into constant common memory address | | (AB, A7) S5 (A7) S5 (A7, half) S5 S6 (common) | | 1777777 1777777 177777 177777 177777 177777 | 222288 888888 222221 222221 222221 | 261567 262527 263527 264527 265527 265522 266522 266522 267522 | 0000000425d 0000000427a 00000000427c 00000000437c 00000000431d 00000000431c | |
| Read Si from common memory address AJ+Ak | (A6, A7) | U) | S_COMMON | | | 282282 | 00000000426c | |
| Read Si from constant LOCAL memory address Write SJ into constant LOCAL memory address Read Si from LOCAL memory address Ak Write Si into LOCAL memory address Ak | SE (H77) SS | SS (TABLE) SS (A7) | S_LOCAL | | 888888 881888 | 254522 255262 255527 257527 | 20020202425c 20020202425c 20020202426a 20020202426b | |
| Load Si with a 64-bit value | full,F | ហ | | 177777 | 722227 | 88888 | 2222222423d 22222222424c | |
| Load Si with a 32-bit positive value Load Si with a 32-bit negatitue value Load Si upper half with a 32-bit value Load Si with a value | half,H,P #half,H,M half,L | \(\text{Q}\) \(\te | S_LOAD | 177777 777777 177777 177777 177777 177777 | 177777 177777 177777 177777 | 253522 251522 253522 | 20022004226 2002200421d 2002200421d 2002200422c | |
| Read Ai from constant LOCAL memory address Write Ai into constant LOCAL memory address Read Ai from LOCAL memory address Ak Write Aj into LOCAL memory address Ak | LLOCALI LAZI AB | 95 [TABLE] 65 [A7] | ALLOCAL | | 22222 22122 | 044500 045500 046507 047067 | 208222416d 2082224176 208228417d 208228417d 208228428d | 900 |
| Load Ai with a 18-bit negative value Load Ai with a value Load Ai with a 32-bit value | #parcel, P, M -1 half, H | 26 26 26 | 2 ⁸ | 177777 | 177777 177777 177777 | 041500 042500 042500 | 0000000414d 00000000415b 0000000416a | |