|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
|  | GPP | TP | JOP | TP-JOP | GALS-JOP | JOP+ |
| dl | 13 | 3.4 | 0.39 | 0.07 | 0.1 | .045 |
| runner | 520 | 6.9 | 0.64 | 0.15 | 0.13 | .104 |
| cl | 1000 | 2.5 | 1.66 | 0.141 | 0.16 | .106 |
| Aps CD0 | 0.8 | 0.3 | 0.14 | .05 | 0.06 | .05 |
| Aps CD1 | 3.15 | 0.4 | 0.25 | 0.13 | 0.16 |  |
| Resource usage |  | 7350 | 3579 | 6228 | 4306 | 4250 |

All times are in milliseconds

LE 4552

ldrxt

ldt

ldi 255

and

wrdm

nop

pop

pop

//dup // mp is on tos no need

//stmrac

stm mp

stm cp

stvp

// wait // wait for mem(mp)

// wait

// ldmrd // read ext. mem

// stbcrd // start bytecode load

stm old\_jpc // save realtive pc

nop // written in adr/read stage!

stsp // last is new sp

// ldbcstart // start block of method

// ldm old\_jpc // plus relative jpc

// add

ldctrlpct

ldt

stjpc

pop // flash tos, tos-1 (registers)

pop // sp must be two lower, points to rd adr

// wait on bytecode load from memory system

nop

toggle

nop

nop

nop

nop nxt