# Exempel på adresseringsmoder hos CPU12

| Instruktion | Exempel | | Operation |
|---|---|---|---|
| LDAA  #opr8i | LDAA  #\$15 | | 15H→A |
| LDAA  opr8a | LDAA  <\$15 | | M(0015H)→A |
| LDAA  opr16a | LDAA  \$1500 | | M(1500H)→A |
| LDAA  oprx0_xysp | LDAA  n,-X | (n = 1,…,8) | X-n→X<br>M(X)→A |
| | LDAA  n,-Y | (n = 1,…,8) | Y-n→Y<br>M(Y)→A |
| | LDAA  n,-SP | (n = 1,…,8) | SP-n→SP<br>M(SP)→A |
| | LDAA  n,+X | (n = 1,…,8) | X+n→X<br>M(X)→A |
| | LDAA  n,+Y | (n = 1,…,8) | Y+n→Y<br>M(Y)→A |
| | LDAA  n,+SP | (n = 1,…,8) | SP+n→SP<br>M(SP)→A |
| | LDAA  n,X- | (n = 1,…,8) | M(X)→A<br>X-n→X |
| | LDAA  n,Y- | (n = 1,…,8) | M(Y)→A<br>Y-n→Y |
| | LDAA  n,SP- | (n = 1,…,8) | M(SP)→A<br>SP-n→SP |
| | LDAA  n,X+ | (n = 1,…,8) | M(X)→A<br>X+n→X |
| | LDAA  n,Y+ | (n = 1,…,8) | M(Y)→A<br>Y+n→Y |
| | LDAA  n,SP+ | (n = 1,…,8) | M(SP)→A<br>SP+n→SP |

| Instruktion | Exempel | | Operation |
|---|---|---|---|
| | LDAA  n,X | (n = -16,…,+15) | $M(X+sex:n)\to A$ |
| | LDAA  n,Y | (n = -16,…,+15) | $M(Y+sex:n)\to A$ |
| | LDAA  n,SP | (n = -16,…,+15) | $M(SP+sex:n)\to A$ |
| | LDAA  n,PC | (n = -16,…,+15) | $M(PC+sex:n)\to A$ |
| | | | |
| | LDAA  A,X | | $M(X+A)\to A$ |
| | LDAA  A,Y | | $M(Y+A)\to A$ |
| | LDAA  A,SP | | $M(SP+A)\to A$ |
| | LDAA  A,PC | | $M(PC+A)\to A$ |
| | | | |
| | LDAA  B,X | | $M(X+B)\to A$ |
| | LDAA  B,Y | | $M(Y+B)\to A$ |
| | LDAA  B,SP | | $M(SP+B)\to A$ |
| | LDAA  B,PC | | $M(PC+B)\to A$ |
| | | | |
| | LDAA  D,X | | $M(X+D)\to A$ |
| | LDAA  D,Y | | $M(Y+D)\to A$ |
| | LDAA  D,SP | | $M(SP+D)\to A$ |
| | LDAA  D,PC | | $M(PC+D)\to A$ |

| Instruktion | Exempel | | | Operation |
|---|---|---|---|---|
| LDAA  oprx9,xysp | LDAA | n,X | (n = -256,…,+255) | M(X+sex:n)→A |
| | LDAA | n,Y | (n = -256,…,+255) | M(Y+sex:n)→A |
| | LDAA | n,SP | (n = -256,…,+255) | M(SP+sex:n)→A |
| | LDAA | n,PC | (n = -256,…,+255) | M(PC+sex:n)→A |
| | | | | |
| LDAA  oprx16,xysp | LDAA | n,X | (n = -32768,…,+32767) | M(X+n)→A |
| | LDAA | n,Y | (n = -32768,…,+32767) | M(Y+n)→A |
| | LDAA | n,SP | (n = -32768,…,+32767) | M(SP+n)→A |
| | LDAA | n,PC | (n = -32768,…,+32767) | M(PC+n)→A |
| | | | | |
| LDAA  [D,xysp] | LDAA | [D,X] | | M(M(X+D))→A |
| | LDAA | [D,Y] | | M(M(Y+D))→A |
| | LDAA | [D,SP] | | M(M(SP+D))→A |
| | LDAA | [D,PC] | | M(M(PC+D))→A |
| | | | | |
| LDAA  [oprx16,xysp] | LDAA | [n,X] | (n = -32768,…,+32767) | M(M(X+n))→A |
| | LDAA | [n,Y] | (n = -32768,…,+32767) | M(M(Y+n))→A |
| | LDAA | [n,SP] | (n = -32768,…,+32767) | M(M(SP+n))→A |
| | LDAA | [n,PC] | (n = -32768,…,+32767) | M(M(PC+n))→A |