## SNORM FUNCTION RN1,C25

0,-5/.00003,-4/.00135,-3/.00621,-2.5/.02275,-2/.06681,-1.5/.11507,-1.2/.15866,-1 .21186,-.8/.27425,-.6/.34458,-.4/.42074,-.2/.5,0/.57926,.2/.65542,.4 .72575,.6/.78814,.8/.84134,1/.88493,1.2/.93319,1.5 .97725,2/.99379,2.5/.99865,3/.99997,4/1,5

INITIAL X1,20

INITIAL X2,3

ADV\_EQ EQU SQR(9)

PN\_F2 VARIABLE (3^2+2^2)

PN F4 FVARIABLE FN\$SNORM#4+16

MEM1 STORAGE 4

MEM2 STORAGE 4

GENERATE 27,5

TEST L C1,360,VTOR

SPLIT 1,KOP2

SEIZE 1

ADVANCE X1,X2

RELEASE 1

TRANSFER, OUT1

KOP2 SPLIT 1,KOP3

SEIZE 2

ADVANCE X1,X2

RELEASE 2

TRANSFER, OUT1

**KOP3 SEIZE 3** 

ADVANCE X1,X2

RELEASE 3

**OUT1 ASSEMBLE 3** 

ASSIGN 13,9

ENTER MEM1

CYCL1 ADVANCE V\$PN\_F2

LOOP 13,CYCL1

LEAVE MEM1

TRANSFER, TERM

VTOR SPLIT 1,KOP22

SEIZE 1

ADVANCE ADV\_EQ

RELEASE 1

TRANSFER, OUT2

KOP22 SPLIT 1,KOP33

SEIZE 2

ADVANCE ADV\_EQ

RELEASE 2

TRANSFER, OUT2

KOP33 SEIZE 3
ADVANCE ADV\_EQ
RELEASE 3
OUT2 ASSEMBLE 3
ASSIGN 100,8
ENTER MEM2
CYCL2 ADVANCE V\$PN\_F4
LOOP 100,CYCL2
LEAVE MEM2
TERM TERMINATE
GENERATE 720
TERMINATE 1
START 1

|       | START TIME<br>0.000                                                                           |                                  | END 1                                                                  |                              | BLOCKS E                                                                                      | ACILITIES |                                | RAGES                          |
|-------|-----------------------------------------------------------------------------------------------|----------------------------------|------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------------|-----------|--------------------------------|--------------------------------|
|       | NAME ADV_EQ CYCL1 CYCL2 KOP2 KOP22 KOP3 KOP33 MEM1 MEM2 OUT1 OUT2 PN_F2 PN_F4 SNORM TERM VTOR |                                  |                                                                        | 1000<br>1000<br>1000<br>1000 | VALUE 3.000 19.000 8.000 8.000 13.000 04.000 05.000 16.000 02.000 03.000 04.000 02.000 03.000 |           |                                |                                |
| LABEL |                                                                                               | LOC<br>1<br>2<br>3<br>4<br>5     | BLOCK TYPE<br>GENERATE<br>TEST<br>SPLIT<br>SEIZE<br>ADVANCE<br>RELEASE | E                            | NTRY COUNT<br>26<br>26<br>13<br>13<br>13                                                      | CURRENT   | COUNT<br>0<br>0<br>0<br>0<br>0 | RETRY<br>0<br>0<br>0<br>0<br>0 |
| KOP2  |                                                                                               | 7<br>8<br>9<br>10                | TRANSFER<br>SPLIT<br>SEIZE<br>ADVANCE<br>RELEASE                       |                              | 13<br>13<br>13<br>13<br>13                                                                    |           | 0<br>0<br>0<br>0               | 0 0 0 0                        |
| KOP3  |                                                                                               | 12<br>13<br>14<br>15             | TRANSFER<br>SEIZE<br>ADVANCE<br>RELEASE                                |                              | 13<br>13<br>13<br>13                                                                          |           | 0<br>0<br>0                    | 0<br>0<br>0                    |
| OUT1  |                                                                                               | 16<br>17<br>18                   | ASSEMBLE<br>ASSIGN<br>ENTER                                            |                              | 39<br>13<br>13                                                                                |           | 0 0                            | 0                              |
| CYCL1 |                                                                                               | 19<br>20<br>21                   | ADVANCE<br>LOOP<br>LEAVE                                               |                              | 117<br>117<br>13                                                                              |           | 0 0                            | 0                              |
| VTOR  |                                                                                               | 22<br>23<br>24<br>25             | TRANSFER<br>SPLIT<br>SEIZE<br>ADVANCE                                  |                              | 13<br>13<br>13<br>13                                                                          |           | 0<br>0<br>0<br>0               | 0<br>0<br>0                    |
| KOP22 |                                                                                               | 26<br>27<br>28<br>29<br>30<br>31 | RELEASE<br>TRANSFER<br>SPLIT<br>SEIZE<br>ADVANCE<br>RELEASE            |                              | 13<br>13<br>13<br>13<br>13                                                                    |           | 0<br>0<br>0<br>0               | 0 0 0 0 0 0                    |
| КОРЗЗ |                                                                                               | 32<br>33                         | TRANSFER<br>SEIZE                                                      |                              | 13<br>13                                                                                      |           | 0                              | 0                              |

| КОРЗЗ                                                                |                     | 33                                      | SEIZE                                                        | 2                                       |                                                                      | 13                          |                     | 0            |                       | 0                          |       |
|----------------------------------------------------------------------|---------------------|-----------------------------------------|--------------------------------------------------------------|-----------------------------------------|----------------------------------------------------------------------|-----------------------------|---------------------|--------------|-----------------------|----------------------------|-------|
|                                                                      |                     | 34                                      | ADVAN                                                        | ICE                                     |                                                                      | 13                          |                     | 0            |                       | 0                          |       |
|                                                                      |                     | 35                                      | RELEA                                                        | ASE                                     |                                                                      | 13                          |                     | 0            |                       | 0                          |       |
| OUT2                                                                 |                     | 36                                      | ASSEM                                                        | IBLE                                    |                                                                      | 39                          |                     | 0            |                       | 0                          |       |
|                                                                      |                     | 37                                      | ASSIG                                                        | SN                                      |                                                                      | 13                          |                     | 1            |                       | 0                          |       |
|                                                                      |                     | 38                                      | ENTER                                                        |                                         |                                                                      | 12                          |                     | 0            |                       | 0                          |       |
| CYCL2                                                                |                     | 39                                      | ADVAN                                                        | ICE                                     |                                                                      | 80                          |                     | 4            |                       | 0                          |       |
|                                                                      |                     | 40                                      | LOOP                                                         |                                         |                                                                      | 76                          |                     | 0            |                       | 0                          |       |
|                                                                      |                     | 41                                      | LEAVE                                                        | 2                                       |                                                                      | 8                           |                     | 0            |                       | 0                          |       |
| TERM                                                                 |                     | 42                                      | TERMI                                                        | INATE                                   |                                                                      | 21                          |                     | 0            |                       | 0                          |       |
|                                                                      |                     | 43                                      | GENER                                                        | RATE                                    |                                                                      | 1                           |                     | 0            |                       | 0                          |       |
|                                                                      |                     | 44                                      | TERMI                                                        | NATE                                    |                                                                      | 1                           |                     | 0            |                       | 0                          |       |
|                                                                      |                     |                                         |                                                              |                                         |                                                                      |                             |                     |              |                       |                            |       |
| FACILITY                                                             | Y                   |                                         |                                                              |                                         | VE. TIME A                                                           |                             |                     |              |                       |                            |       |
| 1                                                                    |                     |                                         |                                                              | 130                                     |                                                                      |                             | 0                   | 0            | 0                     | 0                          | 0     |
| 2                                                                    |                     |                                         |                                                              | 108                                     |                                                                      |                             | 0                   |              | 0                     | 0                          | 0     |
| 3                                                                    |                     | 26                                      | 0.4                                                          | 103                                     | 11.167                                                               | 1                           | 0                   | 0            | 0                     | 0                          | 0     |
|                                                                      |                     |                                         |                                                              |                                         |                                                                      |                             |                     |              |                       |                            |       |
| STODAGE                                                              |                     | ר מ גי                                  | DEM N                                                        | /TN M7                                  | V FNTD                                                               | TES AVI                     | 7/75                | СТ           | יידד ד                | DETEV 1                    | עגודח |
| STORAGE                                                              |                     |                                         |                                                              |                                         | AX. ENTR                                                             |                             |                     |              |                       |                            |       |
| MEM1                                                                 |                     | 4                                       | 4                                                            | 0                                       | 4                                                                    | 13 1                        | 2.1                 | 12 0         | .528                  | 0                          | 0     |
|                                                                      |                     |                                         |                                                              | 0                                       | 4                                                                    |                             | 2.1                 | 12 0         |                       | 0                          |       |
| MEM1                                                                 |                     | 4                                       | 4<br>0                                                       | 0                                       | 4                                                                    | 13 1                        | 2.1                 | 12 0         | .528                  | 0                          | 0     |
| MEM1<br>MEM2                                                         |                     | 4                                       | 4<br>0                                                       | 0                                       | 4 :                                                                  | 13 1                        | 2.1                 | 12 0         | .528                  | 0                          | 0     |
| MEM1<br>MEM2<br>SAVEVALU                                             |                     | 4                                       | 4<br>0<br>RETRY                                              | 0                                       | 4<br>4<br>VALUE                                                      | 13 1                        | 2.1                 | 12 0         | .528                  | 0                          | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2                                   | JE                  | 4 4                                     | 4<br>0<br>RETRY<br>0<br>0                                    | 0                                       | 4<br>4<br>VALUE<br>20.000<br>3.000                                   | 13 1<br>12 1                | 2.1                 | 12 0<br>30 0 | ).528<br>).407        | 0                          | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2                                   |                     | 4<br>4<br>BDT                           | 4<br>0<br>RETRY<br>0<br>0                                    | 0<br>0                                  | 4<br>4<br>VALUE<br>20.000<br>3.000                                   | 13 1<br>12 1<br>NEXT        | 2.1<br>1.6          | 12 0<br>30 0 | 0.528<br>0.407<br>VAI | O<br>O                     | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2<br>FEC XN<br>73                   | JE<br>PRI<br>O      | 4<br>4<br>BDT<br>723.                   | 4<br>0<br>RETRY<br>0<br>0                                    | O<br>O<br>ASSEM<br>69                   | 4<br>4<br>VALUE<br>20.000<br>3.000<br>CURRENT<br>39                  | 13 1<br>12 1<br>NEXT<br>40  | 2.1                 | 12 0<br>30 0 | 0.528<br>0.407<br>VAI | 0                          | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2<br>FEC XN<br>73<br>78             | JE<br>PRI<br>O<br>O | 4<br>4<br>BDT<br>723.:                  | 4<br>0<br>RETRY<br>0<br>0                                    | 0<br>0<br>ASSEM<br>69<br>78             | 4<br>4<br>VALUE<br>20.000<br>3.000<br>CURRENT<br>39<br>0             | NEXT<br>40<br>1             | 2.1<br>1.6          | 12 0<br>30 0 | VAI                   | 0<br>0<br>LUE<br>.000      | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2<br>FEC XN<br>73<br>78<br>76       | JE<br>PRI<br>O<br>O | BDT<br>723.:<br>730.:                   | 4<br>0<br>RETRY<br>0<br>0<br>0                               | 0<br>0<br>ASSEM<br>69<br>78<br>72       | 4<br>4<br>VALUE<br>20.000<br>3.000<br>CURRENT<br>39<br>0<br>39       | NEXT<br>40<br>1<br>40       | 2.1<br>1.6          | 12 0<br>30 0 | VAI<br>6.             | 0<br>0<br>LUE<br>.000      | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2<br>FEC XN<br>73<br>78<br>76<br>68 | PRI<br>O<br>O<br>O  | BDT<br>723.:<br>730.:<br>736.:<br>736.: | 4<br>0<br>RETRY<br>0<br>0<br>398<br>047<br>313<br>326        | 0<br>0<br>ASSEM<br>69<br>78<br>72<br>63 | 4<br>4<br>VALUE<br>20.000<br>3.000<br>CURRENT<br>39<br>0<br>39<br>39 | NEXT<br>40<br>1<br>40<br>40 | PARAM<br>100<br>100 | 12 0<br>30 0 | VAI<br>6.             | 0<br>0<br>0<br>LUE<br>.000 | 0     |
| MEM1<br>MEM2<br>SAVEVALU<br>1<br>2<br>FEC XN<br>73<br>78<br>76<br>68 | JE<br>PRI<br>O<br>O | BDT<br>723.:<br>730.:<br>736.:<br>736.: | 4<br>0<br>RETRY<br>0<br>0<br>398<br>047<br>313<br>326<br>668 | 0<br>0<br>ASSEM<br>69<br>78<br>72<br>63 | 4<br>4<br>VALUE<br>20.000<br>3.000<br>CURRENT<br>39<br>0<br>39       | NEXT<br>40<br>1<br>40<br>40 | 2.1<br>1.6          | 12 0<br>30 0 | VAI<br>6.             | 0<br>0<br>LUE<br>.000      | 0     |