



BASIC Loader Program

10 REM**** BASIC LOADER FOR CIRCSUB ****
20 FOR I=50432 TO 50434:498
30 READ# POKEI,A
40 CC=CC+R
50 NEXT I
60 PEEK# IF R=0:GOTO THENPRINT "CHECKSUM ERROR"
100 DATA0,63,89,108,123,137,149,159
110 DATA169,177,185,193,199,205,211
120 DATA216,221,226,230,233,237,249
130 DATA243,245,247,249,251,252,253
140 DATA254,255,255,255,255,255,254
150 DATA253,252,251,249,247,245,243
160 DATA240,237,233,230,226,221,216
170 DATA211,205,199,193,185,177,169
180 DATA159,149,137,123,108,89,63,0
190 DATA205,0,100,80,2,16,16,6,0,0,29
200 DATA1,31,1,100,100,100,100,0,0,120
210 DATA100,0,0,72,138,72,152,72,173
220 DATA68,197,41,31,141,70,197,173,68
230 DATA197,169,5,74,136,208,252,141
240 DATA69,197,173,65,197,56,237,68
250 DATA197,141,77,197,141,75,197,173
260 DATA66,197,233,0,141,78,197,141,76
270 DATA197,173,67,197,141,79,197,141
280 DATA80,197,169,0,170,141,71,197
290 DATA189,8,197,168,3,74,136,208,252
300 DATA141,87,197,189,0,197,41,7,141
310 DATA88,197,172,68,197,169,0,141,72
320 DATA197,141,73,197,141,74,197,173
330 DATA72,197,24,109,88,197,141,72
340 DATA197,201,8,144,23,56,233,8,141
350 DATA72,197,173,73,197,24,105,1,141
360 DATA73,197,173,74,197,105,0,141,74
370 DATA197,173,73,197,24,109,87,197
380 DATA141,73,197,173,74,197,105,0
390 DATA141,74,197,136,208,198,160,5
400 DATA78,74,197,118,73,197,110,72
410 DATA197,136,205,244,173,72,197,201
420 DATA16,144,9,173,73,197,24,105,1
430 DATA141,73,197,173,67,197,56,237
440 DATA73,197,141,81,197,173,81,197
450 DATA141,86,197,173,79,197,141,85
460 DATA197,32,165,198,173,67,197,24
470 DATA199,73,197,141,82,197,173,82
480 DATA197,141,86,197,173,80,197,141
490 DATA85,197,32,165,198,173,77,197
500 DATA141,75,197,173,78,197,141,76
510 DATA197,173,81,197,141,79,197,173
520 DATA82,197,141,80,197,173,71,197
530 DATA24,109,70,197,141,71,197,201
540 DATA32,144,26,17,197,141,75,233,32
550 DATA141,71,197,173,77,197,24,105,1
560 DATA141,77,197,173,76,197,185,0
570 DATA141,78,197,173,77,197,24,109
580 DATA69,197,141,77,197,173,78,197
590 DATA105,0,141,78,197,232,224,65
600 DATA249,3,76,153,197,104,168,104
610 DATA170,104,96,169,0,141,83,197
620 DATA141,84,197,173,75,197,205,77
630 DATA197,208,3,238,83,197,173,85
640 DATA197,205,86,197,208,3,238,84
650 DATA197,173,83,197,45,84,197,208
660 DATA39,173,75,197,141,0,195,173,76
670 DATA197,141,1,195,173,85,197,141,4
680 DATA195,173,77,197,141,2,195,173
690 DATA78,197,141,3,195,173,86,197
700 DATA141,5,195,32,14,195,96
710 DATA62223,PEM#CHECKSUM*

Circsub Program

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***** CIRCSUB 64 ****
***** LINSUB VRHIBLES ****
LINSUB = $10E
X1L0 = $C000
X1H1 = $C011
X2L0 = $C020
X2H1 = $C031
Y1 = $C004
Y2 = $C005
* = $C000

***** CIRCSUB VRHIBLES ****
TABLE = **+15      . LOOP
MTRLO = **+1
MTRHI = **+1
WTTR = **+1
RADIUS = **+1
INTP = **+1
REMR = **+1
TOTX = **+1
PESREM = **+1
RESLO = **+1
RESHI = **+1
OLDXLO = **+1
OLDXHI = **+1
NEWLO = **+1

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