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/ SET UP ROUTINE FOR 32K REDAL 8 PROGRAMS
/ SETS UP DATA ARRAY ADDRESSES IN COMMON
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 9          .TITLE SETP32
10          .IODEV 3 / GETS HANDLER FOR FILE READING
11          .GLOBL SETP32,.DA
12          00000 R 740040 A SETP32 XX
13          00001 R 120032 E JMS* .DA
14          00002 R 600011 R JMP .+1+6
15          00003 R 000000 A EOCOPP 0
16          00004 R 000000 A MINMAX 0
17          00005 R 000000 A LIB 0
18          00006 R 000000 A CONNEX 0
19          00007 R 000000 A COMPON 0
20          00010 R 000000 A ROUTAD 0
21          00011 R 220033 R LAC* (103
22          00012 R 740030 A IAC
23          00013 R 040031 R DAC COMWRD# / ADDR. OF 1ST WORD IN COMMON
24          00014 R 777772 A LAW -6
25          00015 R 040030 R DAC CNTR#
26          00016 R 735000 A CLX
27          00017 R 200034 R LAC (EOCOPP
28          00020 R 723777 A AAC -1
29          00021 R 060035 R DAC* (10
30          00022 R 220010 A LAC* 10 / GET ADDRESS OF DATA AREA FROM PARAMETER
31          00023 R 070031 R DAC* COMWRD,X / STORE IN COMMON
32          00024 R 737001 A AXR 1
33          00025 R 440030 R ISZ CNTR
34          00026 R 600022 R JMP .-4
35          00027 R 620000 R JMP* SETP32
36          000000 A .END
          00032 R 000032 E *E
          00033 R 000103 A *L
          00034 R 000003 R *L
          00035 R 000010 A *L
          SIZE=00036 NO ERROR LINES

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CNTR	00030	R	COMPN	00007	R	COMWRD	00031	R	CONNEX	00006	R
EOCOPP	00003	R	LIB	00005	R	MINMAX	00004	R	ROUTAD	00010	R
SETP32	00000	R	.DA	00032	E						

CNTR	00030	25	33		
COMPON	00007	19*			
COMWRD	00031	23	31		
CONNEX	00006	18*			
EOCOPP	00003	15*	27		
LIB	00005	17*			
MINMAX	00004	16*			
ROUTAD	00010	20*			
SETP32	00000	9	11	12*	35
.DA	00032	11	13		

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001 C
002 C *** DRIVER FOR 32K VERSION OF RELAY IDENT POST PROCESSOR
003 C FOR GERBER 740 SYSTEM
004 C
005 INTEGER COPPER(150), EOCOPP, LIB(511), EOLIB, CONNEX(5340), EOCONN
006 1, COMPON(2500), EOCOMP, EOROUT, DFILE(3550), NAME1(4), ROUTE(5310)
007 1, PADS(128), TRACK(9), BOARD(50), EOBRD, EOCPAD, MINAD, LIBAD
008 1, CONNAD, COMPAD, ROUTAD
009 COMMON EOCPAD, MINAD, LIBAD, CONNAD, COMPAD, ROUTAD, EOCOPP
010 1, EOBRD, EOLIB, EOCONN, EOCOMP, EOROUT, MINMAX(4), TRACK, PADS
011 1, COPPER, BOARD, COMPON, CONNEX, DFILE, NAME1, ROUTE
012 NAME1(1)=10
013 CALL SETP32(EOCOPP, MINMAX(1), LIB(1), CONNEX(1), COMPON(1), ROUTE(1))
014 100 CALL NAME3(NAME1(1), 0)
015 CALL SEEK1(NAME1(1))
016 CALL BINIOP(EOCPAD, 6, 3, 1)
017 C ** READS EOCOPP, EOBRD, EOLIB, EOCONN, EOCOMP, EOROUT
018 CALL BINIOP(MINAD, 341, 3, 1)
019 C ** READS MINMAX, TRACK, PADS, COPPER, BOARD
020 CALL BINIOP(LIBAD, EOLIB, 3, 1)
021 CALL BINIOP(CONNAD, EOCONN, 3, 1)
022 CALL BINIOP(COMPAD, EOCOMP, 3, 1)
023 CALL BINIOP(ROUTAD, EOROUT, 3, 1)
024 CALL CLOSE (3)
025 CALL IDG40P(BOARD(1), EOBRD, COMPON(1), EOCOMP, CONNEX(1), EOCONN
026 1, ROUTAD, EOROUT, LIB(1))
027 GOTO 100
028 END

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COPPER 00231
EOCOPP 01202
LIB 00170
EOLIB 01204
CONNEX 05445
EOCONN 01205
COMPON 00541
EOCOMP 01206
EOROUT 01207
DFILE 00001
NAME1 06737
ROUTE 06743
PADS 00031
TRACK 00020
BOARD 00457
EOBRD 01203
EOCPAD 01174
MINAD 01175
LIBAD 01176
CONNAD 01177
COMPAD 01200
ROUTAD 01201
/ .XX 01241
MINMAX 00014
%IA 01272
* SETP32 01273
.100 00042
* NAME3 01274
* SEEK1 01275
* BINIOP 01276

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* CLOSE 01277
* IDG40P 01200

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* .ST 01301
* .FP 01302