

/PROGRAM FOR VCFE AND 6100

/

/THIS REFERS TO ODT-F

/

4056 CALL=4056
5461 RETURN=5461
6071 TYPE=6071
6076 PNUM=6076

/

/THIS REFERS TO 6100 SAMPLER PCB

/

6350 READ2=6350
6351 WRITE2=6351
6340 RUART=6340
6342 SKPDR=6342 /TEST KEYBOARD FLAG

/

/PROGRAM

/

0200 *200

00200 7200 AGAIN, CLA
00201 6350 READ2
00202 3260 DCA PWRD /DEPOSIT PARALLEL WORD
00203 1260 TAD PWRD
00204 4056 CALL
00205 6076 PNUM /DISPLAY PARALLEL WORD
00206 1260 TAD PWRD /RELOAD WORD
00207 6351 WRITE2
00210 6342 SKPDR /TEST KBD FLAG
00211 5200 JMP AGAIN /LOOP IF NOT SET
00212 6340 RUART /READ KBD TO RESET FLAG
00213 7200 CLA
00214 3260 DCA PWRD /SET PARALLEL WORD TO 0000
00215 6351 WRITE2 /WRITE 0000 TO INTERFACE
00216 5661 JMP I START /RESTART ODT-F

/

/CONSTANTS AND VALUES

/

0260 *260

00260 0000 PWRD,0000
00261 6000 START,6000

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ERRORS DETECTED: 0

LINKS GENERATED: 0

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    /PROGRAM FOR VCFE AND 6100
  /
  /THIS REFERS TO ODT-F
  /
4056 CALL=4056
5461 RETURN=5461
6071 TYPE=6071
6076 PNUM=6076
  /
  /THIS REFERS TO 6100 SAMPLER PCB
  /
6350 READ2=6350
6351 WRITE2=6351
6340 RUART=6340
6342 SKPDR=6342  /TEST KBD FLAG
  /
  /PROGRAM
  /
0300 *300
00300 7300 CLA CLL
00301 6351 WRITE2 /SET INTERFACE TO 0000
00302 6342 AGAIN, SKPDR /CHECK KBD FLAG
00303 5302 JMP .-1
00304 7200 CLA
00305 3161 DCA PWRD  /CLEAR WORD
00306 6340 RUART  /READ KBD
00307 0162 AND MASK  /MASK BITS 0-4
00310 3161 DCA PWRD  /SAVE WORD
00311 5340 JMP SPLEV  /GO TO CHECK SPEED LEVEL
00312 6351 WRITE, WRITE2
00313 7000 NOP
00314 4056 CALL
00315 6076 PNUM /DISPLAY WORD ON TTY
00316 5302 JMP AGAIN  /LOOP
00317 7200 REST, CLA
00320 6351 WRITE2  /WRITE 0000 TO INTERFACE
00321 5560 JMP I START  /GO TO ODT-F
  /
  /SET SPEED
0330 *330
00330 1170 SET1, TAD VAL1
00331 5312 JMP WRITE
00332 1171 SET2, TAD VAL2
00333 5312 JMP WRITE
00334 1172 SET3, TAD VAL3
00335 5312 JMP WRITE
00336 1173 SET0, TAD VAL4  /JUST KEEP LIGHT ON
00337 5312 JMP WRITE
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/
/TEST FOR CHARACTERS
/
00340 1161 SPLEV, TAD PWRD    /GET CHAR
00341 1163 TAD KM1
00342 7450 SNA      /TEST FOR 1
00343 5330 JMP SET1
00344 7200 CLA
00345 1161 TAD PWRD
00346 1164 TAD KM2
00347 7450 SNA
00350 5332 JMP SET2
00351 7200 CLA
00352 1161 TAD PWRD
00353 1165 TAD KM3
00354 7450 SNA
00355 5334 JMP SET3
00356 7200 CLA
00357 1161 TAD PWRD
00360 1166 TAD KM03
00361 7450 SNA
00362 5317 JMP REST    /RESTART ODT-F
00363 7200 CLA
00364 1161 TAD PWRD
00365 1167 TAD KM40
00366 7450 SNA
00367 5336 JMP SET0
00370 5302 JMP AGAIN
/
0160 *160
/CONSTANTS AND VALUES
00160 6000 START,6000    /REENTRY TO ODT-F
00161 0000 PWRD,0000
00162 0177 MASK,0177
00163 7717 KM1,-61
00164 7716 KM2,-62
00165 7715 KM3,-63
00166 7775 KM03,-3      /CTRL C
00167 7740 KM40,-40    /LF
00170 0520 VAL1,520    /SET LIGHTS ON
00171 0620 VAL2,620
00172 0720 VAL3,720
00173 0400 VAL4,0400
$

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ERRORS DETECTED: 0
LINKS GENERATED: 0

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