

.do ucodes.ctl

.\$STEP KSU
?#?

.\$MOUNT BLKK:
?#?

.\$ENDHDR
?#?

.PATH [7,3,KSU]

..CTL FILE TO BUILD THE VARIOUS KS-10 MICROCODES.

CHECK FOR THE INPUT FILES

ERROR %

.DIRECT/CHECKS KS10.COMD,T10KI.COMD,T10KL.COMD,MICRO.EXE,DEC:SMFILE.EXE

KS10	CMD	1	<477>	561707	24-Sep-77	BLKK:	[7,3,KSU]
T10KI	CMD	1	<477>	143534	11-Aug-84		
T10KL	CMD	1	<477>	103540	26-Jul-84		
MICRO	EXE	92	<477>	212535	27-Apr-84	31(254)	
SMFILE	EXE	168	<055>	314251	19-Feb-79	(3)	DSKA: [10,7]

Total of 263 blocks in 5 files Checksum = 166243

.DIRECT/CHECKS T10KI.MIC,T10KL.MIC,KS10.MIC,SIMPLE.MIC,FLT.MIC,-
EXTEND.MIC,INOUT.MIC,PAGEF.MIC

T10KI	MIC	1	<477>	666667	10-Apr-85	BLKK:	[7,3,KSU]
T10KL	MIC	1	<477>	101503	10-Apr-85		
KS10	MIC	125	<477>	104734	10-Apr-85		
SIMPLE	MIC	113	<477>	610145	27-Jul-84		
FLT	MIC	26	<477>	317063	20-Mar-81		
EXTEND	MIC	49	<477>	007137	26-Jul-84		
INOUT	MIC	42	<477>	615600	10-Apr-85		
PAGEF	MIC	38	<477>	253450	10-Apr-85		

Total of 395 blocks in 8 files Checksum = 503316

.ERROR

.SET DEFAULT PROTECTION 477

BUILD THE DEFAULT (TOPS-20, TOPS-10 7.01, AND DIAGNOSTIC UCODE)

RUN MICRO

*@KS10.COMD
KS10 MICROCODE V125, 10-APR-85

; Number of microwords used:
; D words= 512
; U words= 2023, Highest= 2047

No errors detected
End of microcode assembly
318 pages of listing
Used 47.87 seconds, 118 pages of core

Symbol table: 31P
Text strings: 9P
Loc'n assignment: 18P
Cross reference: 53P

.^Z
.RUN DEC:SMFILE

DECSYSTEM 2020 DIAGNOSTICS FE-FILE PROGRAM
VERSION 0.3, TOPS-10, KL10, CPU#=1026
[FOR HELP TYPE "HELP"]
SMFILE>READ KS10.ULD

BUILD THE SPECIAL TOPS-10 V7.02 UBABLT MICROCODE

BUILD THE SPECIAL TOPS-10 V7.03 UBABLT/INHCST MICROCODE

BUILD THE DOC FILE

CHECK THE RESULTS

SMFILE>E CRAM 136
SHOULD BE: 000136/14000307400300200000411723654302

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	1400	000020	4	113	0305	417	00	70	33	0	0	0	0	0	0	0	0	4	4	0

SMFILE>E CRAM 137
SHOULD BE: 000137/36120707000001250003377760454100

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	3612	030125	3	771	0005	437	00	70	70	0	0	0	0	0	0	0	0	4	0	0

SMFILE>OUTPUT RAM KS10.RAM
SMFILE>EXIT

EXIT

.
.
*KS10 MICROCODE V125, 10-APR-85

; Number of microwords used:
; D words= 512
; U words= 1954, Highest= 2047

No errors detected
End of microcode assembly
318 pages of listing
Used 46.64 seconds, 116 pages of core
Symbol table: 30P
Text strings: 9P
Loc'n assignment: 18P
Cross reference: 51P

..
.
DECSYSTEM 2020 DIAGNOSTICS FE-FILE PROGRAM
VERSION 0.3, TOPS-10, KL10, CPU#=1026
[FOR HELP TYPE "HELP"]

SMFILE>READ T10KI.ULD
SMFILE>E CRAM 136
SHOULD BE: 000136/14000307400300200000411723654302

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	1400	000020	4	113	0305	417	00	70	33	0	0	0	0	0	0	0	0	4	4	0

SMFILE>E CRAM 137
SHOULD BE: 000137/35130707400001250006377760454100

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	3513	060125	3	771	0005	437	00	70	70	0	0	0	0	0	0	0	0	4	0	0

SMFILE>OUTPUT RAM T10KI.RAM
SMFILE>EXIT

EXIT

.
.
*KS10 MICROCODE V125, 10-APR-85

; Number of microwords used:
; D words= 512
; U words= 2032, Highest= 2047

No errors detected
End of microcode assembly
319 pages of listing
Used 47.94 seconds, 118 pages of core
Symbol table: 31P
Text strings: 9P
Loc'n assignment: 18P
Cross reference: 53P

..
.
DECSYSTEM 2020 DIAGNOSTICS FE-FILE PROGRAM
VERSION 0.3, TOPS-10, KL10, CPU#=1026
[FOR HELP TYPE "HELP"]
SMFILE>READ T10KL.ULD
SMFILE>E CRAM 136
SHOULD BE: 000136/14000307400300200000411723654302

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	1400	000020	4	113	0305	417	00	70	33	0	0	0	0	0	0	0	0	4	4	0

SMFILE>E CRAM 137
SHOULD BE: 000137/36260707400001250045377760454102

C	J	#	ALU	S/D	A/B	RBM	SPEC	DISP	SKIP	T	C	SC	FE	FM	MC	DV	MP	C/LR	M	
0	3626	450125	3	771	0005	437	00	70	70	0	0	0	0	0	0	0	0	4	0	0

SMFILE>OUTPUT RAM T10KL.RAM
SMFILE>EXIT

EXIT

.
.
*KS10 5 pages
*
.
.