

OPTIONS NODECK,LIST,XREF,NOREL,OBJ(P)

THE LIST OF OPTIONS USED DURING THIS ASSEMBLY IS-- NODECK,LIST,XREF,NOREL,OBJ

EXTERNAL SYMBOL LIST

SYMBOL TYPE

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#KSETI MODULE

ERR LOC OBJECT CODE

ADDR STMT SOURCE STATEMENT

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0000

1 #KSETI START 0
2 PRINT ON,NODATA
3 * @SYS EXP-N
214+ PRINT ON
215 * @FXD EXP-N
620+ PRINT ON
621 * @CAN EXP-N
724+ PRINT ON
725 * @ERM EXP-N
1347+ PRINT ON
1348 * @SPF EXP-N
1811+ PRINT ON
1812 * @DIR EXP-N
1932+ PRINT ON
1933 * @VOL EXP-N
1971+ PRINT ON
1972 * @HDW EXP-N
2157+ PRINT ON
2158 * @B@E EXP-N
3058+ PRINT ON
3059 * \$I\$E EXP-N
3213+ PRINT ON

\$I\$EQ - S/3 BASIC INTERPRETER FIXED ADDRESS EQUATES

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#KSETI - SET COMMAND ROUTINE

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE STATEMENT	VER 15, MOD 00	09/06/21	PAGE	4
		3216		*****				*
		3217	*	5703-XM1 COPYRIGHT IBM CORP. 1970				*
		3218	*	REFER TO INSTRUCTIONS ON COPYRIGHT NOTICE, 120-2083				*
		3219	*					*
		3220		*****				*
		3221	*	*STATUS -				*
		3222	*	VERSION 1 MODIFICATION 0				*
		3223	*					*
		3224	*	*FUNCTION -				*
		3225	*	* SYNTAX CHECK THE SET COMMAND LINE IN THE PRIMARY INPUT BUFFER A				*
		3226	*	TO ASSURE PROPER SYNTAX FOR SET OVERLAY, KSOVRL				*
		3227	*	* PERFORM INITIALIZATION OPERATIONS TO LOAD THE OVERLAY				*
		3228	*					*
		3229	*	*ENTRY POINTS -				*
		3230	*	* KSETIT HAS ONLY ONE ENTRY POINT, KSETIT, THE FIRST EXECUTABLE				*
		3231	*	INSTRUCTION. KSETIT IS ENTERED THROUGH THE COMMAND ANALYSER.				*
		3232	*					*
		3233	*	*INPUT -				*
		3234	*	* PRIMARY INPUT BUFFER - 256 BYTES, CONTAINS THE SET COMMAND				*
		3235	*	LINE AS ENTERED.				*
		3236	*	* SYMBOL AND ARRAY TABLES:				*
		3237	*	* LETTER VARIABLE TABLE (LVT) - 58 BYTES, 29 2-BYTE ENTRIES				*
		3238	*	* LETTER DIGIT (LDT) - 580 BYTES, 290 2-BYTE ENTRIES				*
		3239	*	* CHARACTER VARIABLE TBL (CVT) - 58 BYTES, 29 2-BYTE ENTRIES				*
		3240	*	* ARITHMETIC ARRAY TABLE (NAT) - 58 BYTES, 29 2-BYTE ENTRIES				*
		3241	*	* CHARACTER ARRAY TABLE (CAT) - 58 BYTES, 29 2-BYTE ENTRIES				*
		3242	*	* \$XRSV - 2 BYTES, CONTAINS THE CORE ADDRESS OF THE CHARACTER				*
		3243	*	IMMEDIATELY FOLLOWING KEYWORD SET.				*
		3244	*					*
		3245	*	*OUTPUT -				*
		3246	*	* SYMBOL AND ARRAY TABLES - FORMAT (SEE INPUT)				*
		3247	*	* PRIMARY INPUT BUFFER - PROPER SYNTAX ASSURED				*
		3248	*	* SET COMMON PARAMETER BLOCK - 256 BYTES				*
		3249	*					*
		3250	*	*EXTERNAL REFERENCES -				*
		3251	*	SXRSV - COMMAND LINE POINTER SAVE AREA				*
		3252	*	\$XINDI - SYSTEM EXECUTION INDICATOR				*
		3253	*	\$DISKN - SYSTEM DISK IOCR				*
		3254	*	SRLOAD - SYSTEM LOADER ENTRY				*
		3255	*	SCAERK - SYSTEM ERROR MESSAGE ROUTINE				*
		3256	*	\$CAERR - SCAERK ERROR CODE PARAMETER				*
		3257	*	SCANIT - COMMAND LINE DELIMITER SCAN ROUTINE				*
		3258	*	KSOVRL - SET EXECUTION ROUTINE				*
		3259	*					*
		3260	*	*EXITS, NORMAL -				*
		3261	*	* KSETIT HAS ONLY 1 NORMAL EXIT				*
		3262	*	\$RLOAD - AFTER PROPER SYNTAX HAS BEEN ASSURED				*
		3263	*					*
		3264	*	*EXITS, ERROR -				*
		3265	*	SCAERK - WITH ERROR CODES				*
		3266	*	@@E112 - <AR1TWIETK CONSTANT> CONTAINS 2 DECIMAL POINTS				*
		3267	*	@@E113 - DECIMAL POINT WITHOUT <ARITHMETIC CONSTANT>				*
		3268	*	@@E114 - INCOMPLETE <CHARACTER CONSTANT>				*
		3269	*	@@E115 - INVALID <SYSTEM CONSTANT>				*
		3270	*	@@E116 - VARIABLE IS NOT FOLLOWED BY A COMMA OR EQUAL SIGN				*
		3271	*	@@E117 - INVALID EXPONENT IN CONSTANT				*

#KSETI - SET COMMAND ROUTINE

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		3272	*	@@E130 - REQUIRED PARAMETER MISSING		*
		3273	*	@@E133 - TOO MANY <PARAMETERS>		*
		3274	*	@@E139 - INVALID <DELIMETER>		*
		3275	*	@@E150 - INVALID BASIC VARIABLE		*
		3276	*	@@E151 - VARIABLE SUBSCRIPT NOT AN INTEGER		*
		3277	*	@@E160 - MIXED DATA TYPE IN ASSIGNMENT		*
		3278	*			*
		3279	*	*TABLES/WORK AREAS -		*
		3280	*	* PRIMARY INPUT BUFFER		*
		3281	*	* THE CONSTANTS AND WORK AREAS RESIDE AT THE END OF THE EXECUTABLE*		*
		3282	*	CODE IN THE SET COMMON PARAMETER BLOCK. THEY ARE REFERENCED		*
		3283	*	BY @BR		*
		3284	*			*
		3285	*	*ATTRIBUTES -		*
		3286	*	N/A		*
		3287	*			*
		3288	*	*CHARACTER CODE DEPENDENCY -		*
		3289	*	THE OPERATION OF THIS MODULE DEPENDS UPON THE FOLLOWING		*
		3290	*	PROPERTIES OF THE INTERNAL REPRESENTATION OF THE EXTERNAL		*
		3291	*	CHARACTER SET		*
		3292	*	* MOST CODING HAS BEEN ARRANGED SO THAT REDEFINITION OF		*
		3293	*	CHARACTER CONSTANTS, BY REASSEMBLY, WILL RESULT IN A CORRECT		*
		3294	*	MODULE FOR THE NEW DEFINITION		*
		3295	*	* ALPHABETIC LETTERS A THROUGH Z ARE PRESUMED TO BE CODED IN		*
		3296	*	INCREASING COLLATING SEQUENCE, AND THE RANGE OF CHARACTER		*
		3297	*	CONSTANTS FOR THIS SERIES IS EXPECTED TO EXCLUDE ALL NUMERIC		*
		3298	*	CHARACTER CONSTANTS		*
		3299	*	* NUMERIC CHARACTERS 0 - 9 ARE PRESUMED TO BE CODED IN		*
		3300	*	INCREASING COLLATING SEQUENCE		*
		3301	*	* EXTENDED ALPHABETIC LETTERS (S.O.B) ARE PRESUMEMED TO BE		*
		3302	*	IN INCREASING COLLATING SEQUENCE, AND ARE ALL EXPECTED TO		*
		3303	*	COLLATE LOWER THAN LETTER (A)		*
		3304	*	* DECIMAL NUMBERS MUST BE CODED SO THAT THE LOW ORDER FOUR		*
		3305	*	BITS. WHEN CONSIDERED AS A BINARY INTEGER, IDENTIFY THE		*
		3306	*	VALUE OF THE DIGIT		*
		3307	*	THE SPECIFIC INSTRUCTIONS (INSTRUCTION SEQUENCES) WHICH REQUIRE		*
		3308	*	MODIFICATION IF THESE PROPERTIES OF THE CHARACTER SET ARE CHANGED		*
		3309	*	MAY BE IDENTIFIED BY -		*
		3310	*	* INSTRUCTION SEQUENCES AT LABELS KSE025 AND KSE030		*
		3311	*	* THE TABLE IDENTIFIED BY LABEL KSEATB		*
		3312	*			*
		3313	*	*NOTES -		*
		3314	*	ERROR PROCEDURES		*
		3315	*	* ERROR CODE IS SET AT \$CAERR		*
		3316	*	* @XR IS LEFT POINTING TO THE ERROR BYTE IN THE PRIMARY		*
		3317	*	INPUT BUFFER		*
		3318	*			*
		3319	*	REGISTER USAGE		*
		3320	*	* BOTH REGISTERS ARE USED DURING EXECUTION		*
		3321	*	* THE REGISTERS ARE NOT SAVED OR RESTORED		*
		3322	*			*
		3323	*	SAVED/RESTORED AREAS		*
		3324	*	NONE		*
		3325	*			*
		3326	*	MODIFICATION CONSIDERATIONS		*
		3327	*	KSETIT IS ORIGINED SO THAT THE SET COMMON PARAMETER AREA		*

#KSETI - SET COMMAND ROUTINE

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE STATEMENT	VER 15, MOD 00 09/06/21 PAGE 6
		3328	*	WILL START AT CORE ADDRESS X'1120'	*
		3329	*		*
		3330	*	REQUIRED MODULES	*
		3331	*	@SYSEQ - COMMON SYSTEM EQUATES	*
		3332	*	@FXDEQ - SYSTEM NUCLEUS ADDRESSES AND INDICATORS	*
		3333	*	@CANEQ - SYSTEM LOCATION EQUATES	*
		3334	*	@ERMEQ - GENERAL ERROR MESSAGE EQUATES	*
		3335	*	@SPFEQ - SYSTEM PROG FILE EQUATES	*
		3336	*	\$B\$EQ - COMPILER FIXED EQUATES	*
		3337	*	\$B@EQ - COMPILER SYSTEM EQUATES	*
		3338	*	\$I\$EQ - INTERPRETER FIXED EQUATES	*
		3339	*	SCANIT - COMMAND LINE DELIMETER SCAN ROUTINE	*
		3340	*		*
		3341	*	OTHER	*
		3342	*	NONE	*
		3343	*	*****	*

#KSETI - SET COMMAND ROUTINE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT                                VER 15, MOD 00  09/06/21  PAGE  7
3345 *          HDR #KSETI
3346 *****
3347 *  PROGRAM HEADER FOR DISK LOAD
3348 *****
3349 *#SKSET EQU   X'0680'          DISK ADDR OF #KSETI
3350 *##$KSE EQU  X'0E00'          CORE LOAD ADDRESS OF #KSETI
3351 *##$@KSE EQU   004           SECTOR CNT OF #KSETI
0E00      3352          ORG   ##$KSE          CORE LOAD ADDRESS
0E00 7BD2E2C5E3C9 0E05 3353 ##### EQU   *          FIRST LOCATION IN PROGRAM
0E06 29          0E06 3354          DC   CL6'#KSETI'        PROGRAM NAME
0E07      3355          DC   IL1'041'          PROGRAM NUMBER OF #KSETI
3356 $KSETI EQU   *          ENTRY POINT TO PROGRAM
3357 *** END OF EXPANSION ***
3358 *
3359 *****
3360 *
3361 * KSETIT ENTRY AND REGISTER OPERATIONS
3362 *
3363 *****
3364 *
0E07      3365 KSETIT EQU   *          KSETIT ENTRY
1120      3366          USING KSEEU,@BR        SET BASE ADDR
0E07 C2 01 1120 3367          LA   KSEEU,@BR        LOAD KSETIT BASE
3368 *
3369 * TEST FOR PROGRAM PRECISION
3370 *
0E0B 38 40 03D0 3371 KSE005 TBN   $XIND1,$XPREC        IS IT LONG PREC ?
0E0F F2 90 18   3372          JF   KSE010          NO, PROCESS AS SHORT
3373 *
3374 * SET LONG PRECISION LENTHS IN PRECISION SENSITIVE INSTRUCTIONS
3375 *
0E12 1C 04 0F8F 10 3376 KSE007 MVC   KSE135+@OP2,KSEMC1(@INST6-1,@BR) SET THE INTERNAL
0E17 1C 04 0FA2 15 3377          MVC   KSE145+@OP2,KSEMC2(@INST6-1,@BR) * CONSTANT RTN TO MOVE
0E1C 1C 04 0FBA 1A 3378          MVC   KSE155+@OP2,KSEMC3(@INST6-1,@BR) * THE LONG PREC VALUES
0E21 7C 09 70   3379          MVI   KSEELL(,@BR),B@LILP        SET LONG ELEMENT LENGTH
0E24 7C 0F 71   3380          MVI   KSEEND(,@BR),B@LELP-1      SET MANTISSA LENGTH LONG
0E27 7C 20 74   3381          MVI   KSECB0(,@BR),B@PREC        SET STATUS BYTE TO LONG PREC
3382 *
3383 * SET LINE POINTER TO BYTE FOLLOWING KEYWORD 'SET' AND TEST FOR A
3384 * BLANK AS A DELIMITER.
3385 *
0E2A 35 02 03C7 3386 KSE010 L     $XRSAV,@XR          CADDR BYTE AFTER 'SET'
0E2E BD 40 00   3387          CLI   KSEPD0(,@XR),B@BLNK        IS BYTE A BLANK ?
0E31 3C 18 03CD 3388          MVI   $CAERR,@@E139        SET ERROR CODE
0E35 C0 01 0469 3389          BNE   $CAERK          NO, SET ERROR CODE
3390 *
3391 * INCREMENT LINE POINTER TO FIRST NON-BLANK BYTE
3392 *
0E39 C0 87 1032 3393 KSE015 B     SCANIT          INCR LINE PT
3394 *
3395 * TEST FOR EOS
3396 *
0E3D BD 1E 00   3397          CLI   0(,@XR),B@EOST        AT EOS ?
0E40 3C 10 03CD 3398          MVI   $CAERR,@@E130        SET ERROR CODE
0E44 C0 81 0469 3399          BE   $CAERK          YES, TO ERROR ROUTINE
3400 *

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#KSETI - SET COMMAND ROUTINE

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	VER 15, MOD 00	09/06/21	PAGE	8
					3401	*	SAVE THE CURRENT CHARACTER CORE ADDRESS				
					3402	*					
0E48	34	02	1185		3403	KSE020	ST KSEVAD,@XR			SAVE CHARACTER CADDR	
					3404	*					
					3405	*	TEST BYTE FOR A LETTER				
					3406	*					
0E4C	BD	C1	00		3407	KSE025	CLI KSEPD0(,@XR),@CHARA			IF BYTE IS IN THE STANDARD	
0E4F	F2	82	06		3408		JL KSE030			* ALPHABET, GO INCREMENT	
0E52	BD	E9	00		3409		CLI KSEPD0(,@XR),@CHARZ			* LINE PT TO THE NEXT	
0E55	F2	04	17		3410		JNH KSE035			* CHARACTER	
0E58	BD	7B	00		3411	KSE030	CLI KSEPD0(,@XR),@NUMBR			TEST FOR SPECIAL ALPHABETIC	
0E5B	F2	81	11		3412		JE KSE035			* CHARACTERS; IF NOT EQUAL	
0E5E	BD	7C	00		3413		CLI KSEPD0(,@XR),@ASIGN			* TO ANY, EXIT TO KSETIT	
0E61	F2	81	0B		3414		JE KSE035			* ERROR ROUTINE TO SET ERROR	
0E64	BD	5B	00		3415		CLI KSEPD0(,@XR),@DOLAR			* CODE FOR INVALID	
0E67	3C	1B	03CD		3416		MVI \$CAERR,@E150			SET ERROR CODE	
0E6B	C0	01	0469		3417		BNE \$CAERK			* BASIC IDENTIFIER	
					3418	*					
					3419	*	INCREMENT LINE PT TO NEXT CHARACTER				
					3420	*					
0E6F	76	02	03		3421	KSE035	A KSEI01(,@BR),@XR			INCR TO NEXT BYTE	
					3422	*					
					3423	*	TEST FOR A LETTER-DIGIT VARIABLE REFERENCE				
					3424	*					
0E72	BD	F0	00		3425	KSE040	CLI KSEPD0(,@XR),B@DEC0			IS BYTE A DIGIT ?	
0E75	F2	02	4E		3426		JNL KSE078			YES, TO ARITH ASSIGN SCAN	
0E78	7C	00	5E		3427		MVI KSECRS(,@BR),KSEOFF			SET CHAR REF SW OFF	
0E7B	7C	00	5F		3428		MVI KSESTS(,@BR),KSEOFF			SET SUBSC TERM SW OFF	
					3429	*					
					3430	*	TEST FOR A CHARACTER VARIABLE OR ARRAY REFERENCE				
					3431	*					
0E7E	BD	5B	00		3432	KSE045	CLI KSEPD0(,@XR),B@CVAR			IF BYTE DOES NOT DENOTE CHAR	
0E81	F2	01	09		3433		JNE KSE060			* VAR TEST FOR ARITH ARRAY	
					3434	*					
					3435	*	PREPARE FOR CHARACTER ARRAY			TEST	
					3436	*					
0E84	7C	01	5E		3437	KSE050	MVI KSECRS(,@BR),KSEONN			SET CHAR REF SW ON	
0E87	7C	01	5F		3438		MVI KSESTS(,@BR),KSEONN			SET SUBSC TERM SW ON	
0E8A	76	02	03		3439		A KSEI01(,@BR),@XR			INCR TO NEXT BYTE	
					3440	*					
					3441	*	TEST FOR AN ARRAY REFERENCE				
					3442	*					
0E8D	BD	4D	00		3443	KSE060	CLI KSEPD0(,@XR),B@LPAR			BYTE A LEFT PAREN	
0E90	F2	01	36		3444		JNE KSE080			NO, GO TO NEXT NON-BLANK BYTE	
					3445	*					
					3446	*	TEST ARRAY REFERENCE FOR PROPER SUBSCRIPTING				
					3447	*					
0E93	76	02	03		3448	KSE065	A KSEI01(,@BR),@XR			INCR TO NEXT BYTE	
0E96	BD	F0	00		3449		CLI KSEPD0(,@XR),B@DEC0			IF BYTE IS NOT A DIGIT.	
0E99	3C	1C	03CD		3450		MVI \$CAERR,@E151			SET ERROR CODE	
0E9D	C0	82	0469		3451		BL \$CAERK			* EXIT TO THE ERROR RTN	
0EA1	76	02	03		3452	KSE070	A KSEI01(,@BR),@XR			INCR TO NEXT BYTE	
0EA4	BD	F0	00		3453		CLI KSEPD0(,@XR),B@DEC0			IF BYTE IS A DIGIT. INCR	
0EA7	C0	02	0EA1		3454		BNL KSE070			* TO NEXT BYTE AND TEST IT	
					3455	*					
0EAB	BD	5D	00		3456	KSE072	CLI KSEPD0(,@XR),B@RPAR			END OF SUBSCRIPT	

#KSETI - SET COMMAND ROUTINE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT          VER 15, MOD 00  09/06/21  PAGE  9

0EAE F2 81 15          3457      JE      KSE078          YES, GO INCR TO NEXT BYTE
0EB1 7D 01 5F          3458 KSE074 CLI      KSESTS(,@BR),KSEONN      IF SUBSCRIPT TERM SW IS ON
0EB4 C0 81 0469        3459      BE      $CAERK          * EXIT TO ERROR RTN
0EB8 BD 6B 00          3460 KSE076 CLI      KSEPD0(,@XR),B@CMMA      IS THERE A SECOND SUBSC
0EBB C0 01 0469        3461      BNE     $CAERK          NO, EXIT TO ERROR RTN
0EBF 7C 01 5F          3462      MVI     KSESTS(,@BR),KSEONN  SET SUBSC TERM SW ON
0EC2 C0 87 0E93        3463      B       KSE065          RECYCLE SUBSC LOOP
3464 *
3465 * INCREMENT PAST RIGHT PAREN
3466 *
0EC6 76 02 03          3467 KSE078 A       KSEI01(,@BR),@XR          INCR TO NEXT BYTE
3468 *
3469 * INCREMENT LINE POINTER TO NEXT NON-BLANK BYTE
3470 *
0EC9 C0 87 1032        3471 KSE080 B       SCANIT                   TO NON-BLANK BYTE
3472 *
3473 * INCREMENT PAST THE EQUAL SIGN
3474 *
0ECD BD 7E 00          3475 KSE085 CLI      KSEPD0(,@XR),B@EQL       AT THE EQUAL SIGN
0ED0 3C 09 03CD        3476      MVI     $CAERR,@@E116     SET ERROR CODE
0ED4 C0 01 0469        3477      BNE     $CAERK          NO, EXIT TO ERROR RTN
0ED8 76 02 03          3478      A       KSEI01(,@BR),@XR          INCR PAST EQUAL SIGN
3479 *
3480 * INCREMENT THE LINE POINTER          TO THE CONSTANTS 1ST CHARACTER
3481 *
0EDB C0 87 1032        3482 KSE090 B       SCANIT                   INCR TO NEXT NON-BLANK BYTE
3483 *
3484 * TEST FOR A CHARACTER CONSTANT
3485 *
0EDF 7D 01 5E          3486 KSE092 CLI      KSECRS(,@BR),KSEONN      IS CHAR REF SW ON ?
0EE2 F2 81 DC          3487      JE      KSE160          YES, PROCESS CHAR REF
3488 *
3489 *****
3490 *
3491 * ARITHMETIC CONSTANT SYNTAX CHECKING ROUTINE
3492 *
3493 *****
3494 *
3495 * TEST FOR A POSSIBLE INTERNAL CONSTANT
3496 *
0EE5 BD 50 00          3497 KSE094 CLI      KSEPD0(,@XR),B@ICON      IS IT AN INTERNAL CONSTANT ?
0EE8 7C 00 5E          3498      MVI     KSECRS(,@BR),KSEOFF  SET SW OFF
0EEB F2 81 8F          3499      JE      KSE130          YES, PROCESS INTERNAL CONST REF
3500 *
3501 * TEST FOR A LEADING SIGN
3502 *
0EEE BD 4E 00          3503 KSE096 CLI      KSEPD0(,@XR),B@PLUS      POSITIVE SIGN ?
0EF1 F2 81 06          3504      JE      KSE098          YES, INCR PAST IT
0EF4 BD 60 00          3505      CLI     KSEPD0(,@XR),B@MINS  MINUS SIGN ?
0EF7 F2 01 03          3506      JNE     KSE100          NO, SET POINT SW OFF
0EFA 76 02 03          3507 KSE098 A       KSEI01(,@BR),@XR          INCR PAST SIGN
3508 *
3509 * TEST SYNTAX OF ARITHMETIC VALUE, ARGUMENT
3510 *
0EFD 7C 00 61          3511 KSE100 MVI     KSEDPS(,@BR),KSEOFF  SET POINT SW OFF
0F00 BD F0 00          3512      CLI     KSEPD0(,@XR),B@DEC0  IS BYTE A DIGIT

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ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	VER 15, MOD 00 09/06/21 PAGE 10
0F03	F2	02	1C		3513		JNL KSE110	YES, CHECK NEXT BYTE
0F06	BD	4B	00		3514	KSE102	CLI KSEPD0(,@XR),B@DPNT	IS BYTE A DECIMAL PT
0F09	3C	1D	03CD		3515		MVI \$CAERR,@E160	SET ERROR CODE
0F0D	C0	01	0469		3516		BNE \$CAERK	NO, EXIT TO ERROR RTN
0F11	7C	01	61		3517		MVI KSEDPS(,@BR),KSEONN	SET SW ON
0F14	76	02	03		3518		A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F17	BD	F0	00		3519	KSE104	CLI KSEPD0(,@XR),B@DEC0	IS BYTE A DIGIT
0F1A	3C	06	03CD		3520		MVI \$CAERR,@E113	SET ERROR CODE
0F1E	C0	82	0469		3521		BL \$CAERK	NO, EXIT TO ERROR RTN
0F22	76	02	03		3522	KSE110	A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F25	BD	F0	00		3523		CLI KSEPD0(,@XR),B@DEC0	IS BYTE A DIGIT
0F28	C0	02	0F22		3524		BNL KSE110	YES, TEST NEXT BYTE
0F2C	BD	4B	00		3525	KSE112	CLI KSEPD0(,@XR),B@DPNT	IS BYTE A DECIMAL PT
0F2F	F2	01	12		3526		JNE KSE120	NO, TEST FOR EXPONENT
0F32	7D	01	61		3527	KSE115	CLI KSEDPS(,@BR),KSEONN	IS POINT SW ON
0F35	3C	05	03CD		3528		MVI \$CAERR,@E112	SET ERROR CODE
0F39	C0	81	0469		3529		BE \$CAERK	YES, EXIT TO ERROR RTN
0F3D	7C	01	61		3530		MVI KSEDPS(,@BR),KSEONN	SET SW ON
0F40	C0	87	0F22		3531		B KSE110	NO, TEST NEXT BYTE
					3532	*		
					3533	*	TEST SYNTAX OF EXPONENT	
					3534	*		
0F44	BD	C5	00		3535	KSE120	CLI KSEPD0(,@XR),B@EXPC	VALUE HAVE ON EXPONENT
0F47	F2	01	A1		3536		JNE KSE180	NO, INCR TO FINAL DELIMITER
0F4A	76	02	03		3537		A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F4D	BD	4E	00		3538	KSE122	CLI KSEPD0(,@XR),B@PLUS	BYTE A PLUS ?
0F50	F2	81	06		3539		JE KSE124	YES, INCR PAST IT
0F53	BD	60	00		3540		CLI KSEPD0(,@XR),B@MINS	BYTE A MINUS ?
0F56	F2	01	03		3541		JNE KSE126	NO, TEST IF A DIGIT
0F59	76	02	03		3542	KSE124	A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F5C	BD	F0	00		3543	KSE126	CLI KSEPD0(,@XR),B@DEC0	IS BYTE A DIGIT ?
0F5F	3C	0A	03CD		3544		MVI \$CAERR,@E117	SET ERROR CODE
0F63	C0	82	0469		3545		BL \$CAERK	NO, EXIT TO ERROR RTN
0F67	76	02	03		3546		A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F6A	BD	F0	00		3547	KSE128	CLI KSEPD0(,@XR),B@DEC0	IS BYTE A DIGIT ?
0F6D	F2	82	7B		3548		JL KSE180	NO, INCR TO EOS
0F70	76	02	03		3549		A KSEI01(,@BR),@XR	INCR TO NEXT BYTE
0F73	BD	F0	00		3550		CLI KSEPD0(,@XR),B@DEC0	AT DIGIT ?
0F76	F2	82	72		3551		JL KSE180	INCR TO EOS
0F79	C0	87	0469		3552		B \$CAERK	YES, TO ERROR RTN
					3553	*		
					3554	*	*****	
					3555	*		*
					3556	*	INTERNAL CONSTANT SYNTAX CHECKING ROUTINE	*
					3557	*		*
					3558	*	*****	
					3559	*		
					3560	*	TEST FOR CONSTANT 'PI'	
					3561	*		
0F7D	E2	02	01		3562	KSE130	LA 1(,@XR),@XR	INCR PT
0F80	7C	01	60		3563		MVI KSEICS(,@BR),KSEONN	SET SW ON
0F83	9D	01	01 1C		3564	KSE132	CLC KSEPD1(B@LIPI-1,@XR),KSECP1(,@BR)	IS CONST 'PI' ?
0F87	F2	01	0C		3565		JNE KSE140	NO, TEST FOR 'E'
					3566	*		
0F8A	4C	04	00 0000		3567	KSE135	MVC *-*(,@VQ),*-*	MOVE THE PACKED VALUE OF
0F8B					3568		ORG KSE135+@Q	* THE INTERNAL CONSTANT 'PI'

#KSETI - SET COMMAND ROUTINE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT          VER 15, MOD 00  09/06/21  PAGE  11

0F8B 04          0F8B 3569      DC    AL1(B@LISP-1)          * TO THE CONSTANT AREA,
0F8C 1198        0F8D 3570      DC    AL(@CADDR)(KSECB4)    * INITIALLY SET FOR SHORT
0F8E 114B        0F8F 3571      DC    AL(@CADDR)(KSEPIS)    * PRECISION VALUE
0F90 76 02 05    3572          A     KSEI02(,@BR),@XR      INCR PAST CONSTANT
0F93 F2 87 55    3573          J     KSE180                TO EOS
3574 *
3575 * TEST FOR CONSTANT 'E'
3576 *
0F96 9D 00 00 1D 3577 KSE140 CLC    KSEPD0(B@LIEX-1,@XR),KSEICE(,@BR) IS CON 'E' ?
0F9A F2 01 0C    3578          JNE   KSE150                NO, TEST FOR 'SQR2'
0F9D 0C 00 0000 0000 3579 KSE145 MVC    *-*(@VQ),*-*            MOVE THE PACKED VALUE OF
0F9E          3580          ORG   KSE145+@Q            * THE INTERNAL CONSTANT 'E'
0F9E 04          0F9E 3581      DC    AL1(B@LISP-1)          * TO THE CONSTANT AREA,
0F9F 1198        0FA0 3582      DC    AL(@CADDR)(KSECB4)    * INITIALLY SET FOR SHORT
0FA1 1150        0FA2 3583      DC    AL(@CADDR)(KSECES)    * PRECISION VALUE
0FA3 76 02 03    3584          A     KSEI01(,@BR),@XR      INCR PAST CONSTANT
0FA6 F2 87 42    3585          J     KSE180                TO EOS
3586 *
3587 * TEST FOR CONSTANT 'SQR2'
3588 *
0FA9 9D 03 03 21 3589 KSE150 CLC    KSEPD3(B@LIS2-1,@XR),KSESQR(,@BR) IS CONST 'SQR2' ?
0FAD 3C 08 03CD 3590          MVI   $CAERR,@@E115        SET ERROR CODE
0FB1 C0 01 0469 3591          BNE   $CAERK                NO, EXIT TO ERROR RTN
0FB5 0C 00 0000 0000 3592 KSE155 MVC    *-*(@VQ),*-*            MOVE THE PACKED VALUE OF
0FB6          3593          ORG   KSE155+@Q            * THE INTERNAL CONSTANT 'SQR2'
0FB6 04          0FB6 3594      DC    AL1(B@LISP-1)          * TO THE CONSTANT AREA,
0FB7 1198        0FB8 3595      DC    AL(@CADDR)(KSECB4)    * INIALLY SET FOR SHORT
0FB9 1146        0FBA 3596      DC    AL(@CADDR)(KSES2S)    * PRECISION VALUE
0FBB D2 02 07    3597          LA    KSEI04(,@BR),@XR      INCR PT
0FBE F2 87 2A    3598          J     KSE180                TO EOS
3599 *
3600 *****
3601 *
3602 * CHARACTER CONSTANT SYNTAX CHECKING ROUTINE
3603 *
3604 *****
3605 *
3606 * TEST FOR A PROPER LITERAL AND INCREMENT PAST IT
3607 *
0FC1 BD 7D 00    3608 KSE160 CLI    KSEPD0(,@XR),B@SQUO    * QUOTE ?
0FC4 3C 1D 03CD 3609          MVI   $CAERR,@@E160        SET ERROR CODE
0FC8 C0 01 0469 3610          BNE   $CAERK                NO, EXIT TO ERROR RTN
0FCC 76 02 03    3611 KSE165 A     KSEI01(,@BR),@XR      INCR TO NEXT BYTE
0FCF BD 1E 00    3612          CLI    KSEPD0(,@XR),B@EOST  AT EOS ?
0FD2 3C 07 03CD 3613          MVI   $CAERR,@@E114        SET ERROR CODE
0FD6 C0 81 0469 3614          BE    $CAERK                YES, EXIT TO ERROR RTN
0FDA BD 7D 00    3615          CLI    KSEPD0(,@XR),B@SQUO  A QUOTE ?
0FDD C0 01 0FCC 3616          BNE   KSE165                NO, TEST NEXT CHAR
0FE1 76 02 03    3617          A     KSEI01(,@BR),@XR      INCR TO NEXT BYTE
0FE4 BD 7D 00    3618 KSE170 CLI    KSEPD0(,@XR),B@SQUO    * QUOTE ?
0FE7 C0 81 0FCC 3619          BE    KSE165                YES, TEST NEXT CHAR
3620 *
3621 *****
3622 *
3623 * COMMAND TERMINATION SCAN ROUTINE
3624 *

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#KSETI - SET COMMAND ROUTINE

ERR	LOC	OBJECT	CODE	ADDR	STMT	SOURCE	STATEMENT	VER	MOD	DATE	PAGE
					3625		*****				
					3626		*				
	0FEB	C0	87	1032	3627	KSE180	B SCANIT TO FINAL DELIMITER				
	0FEF	BD	1E	00	3628		CLI KSEPD0(,@XR),B@EOST AT EOS				
	0FF2	3C	12	03CD	3629		MVI \$CAERR,@E133 SET ERROR CODE				
	0FF6	C0	01	0469	3630		BNE \$CAERK NO, EXIT TO ERROR RTN				
					3631		*				
					3632		* SAVE CORE I/O ROUTINES				
					3633		*				
					3634		*				
					3635		* GET THE SYMBOL AND ARRAY TABLES				
					3636		*				
					3637	*KSE184	DISK KSETBL GET SYMBOL TABLE				
	0FFA	C0	87	0025	3638	KSE184	B \$DISKN PERFORM PHYSICAL DISK OP				
	0FFE	1178			0FFF	3639	DC AL2(KSETBL) DPL ADDRESS				
					3640		*** END OF EXPANSION ***				
					3641		*				
					3642		* SET THE PARAMETERS FOR PAGING ROUTINE GET				
					3643		*				
	1000	4C	01	4E 0510	3644	KSE186	MVC KSEDPL+@DSAD(@CADDR,@BR),\$CSDPL+@DSAD SET DPL DISK ADDR				
	1005	5C	00	6F 08	3645		MVC KSECNT(1,@BR),KSERTN-1(,@BR) SET PGING PG				
	1009	4F	00	6F 0512	3646		SLC KSECNT(1,@BR),\$CSDPL+@DBFR1 DECR BY 1ST PG SAVED				
	100E	5E	00	6F 6F	3647		ALC KSECNT(1,@BR),KSECNT(,@BR) MULTIPLY BY FOUR FOR				
	1012	5E	00	6F 6F	3648		ALC KSECNT(1,@BR),KSECNT(,@BR) * PHYSICAL DADDR				
	1016	5E	00	4E 6F	3649		ALC KSEDPL+@DSAD(1,@BR),KSECNT(,@BR) INCR DADDR				
	101A	5C	00	50 08	3650		MVC KSEDPL+@DBFR1(1,@BR),KSERTN-1(,@BR) SET CORE INPUT PG				
	101E	4C	00	4F 0511	3651		MVC KSEDPL+@DCNT(1,@BR),\$CSDPL+@DCNT SET CNT OF SAVED PGS				
	1023	5F	00	4F 08	3652		SLC KSEDPL+@DCNT(1,@BR),KSERTN-1(,@BR) SUB 1ST PG OF PG RTN				
	1027	4E	00	4F 0512	3653		ALC KSEDPL+@DCNT(1,@BR),\$CSDPL+@DBFR1 ADD NO, PGS MISSING				
	102C	C0	87	051E	3654	KSE188	B \$RLOAD				
	1030	1172			1031	3655	DC AL(@CADDR)(KSEOVR)				
					3656		* \$CANI				

SCANIT - DELIMETER SCAN MODULE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT                VER 15, MOD 00  09/06/21  PAGE  13
3658+*****
3659+*   5703-XM1   COPYRIGHT IBM CORP. 1970                *
3660+*                                     REFER TO INSTRUCTIONS ON COPYRIGHT NOTICE, 120-2083 *
3661+*                                                                 *
3662+*****
3663+*STATUS                                                                 *
3664+*   VERSION 1 MODIFICATION 0                                     *
3665+*                                                                 *
3666+*FUNCTION                                                                 *
3667+*   THE FUNCTION OF SCANIT IS TO SCAN PAST VALID DELIMITERS AND *
3668+*   RETURN A POINTER TO THE FIRST CHARACTER THAT'S NOT A DELIMITER. *
3669+*                                                                 *
3670+*ENTRY POINTS                                                                 *
3671+*   * THE ENTRY POINT IS SCANIT. *
3672+*   * THE CALLING SEQUENCE IS AS FOLLOWS: *
3673+*       B          SCANIT *
3674+*   WITH REGISTER 2 (@XR) POINTING TO THE FIRST CHARACTER TO BE *
3675+*   EXAMINED. *
3676+*                                                                 *
3677+*INPUT                                                                 *
3678+*   NONE *
3679+*                                                                 *
3680+*OUTPUT                                                                 *
3681+*   NONE *
3682+*                                                                 *
3683+*EXTERNAL REFERENCES                                                                 *
3684+*   $CAERR - ERROR CODE SAVE AREA *
3685+*                                                                 *
3686+*EXITS, NORMAL                                                                 *
3687+*   NORMAL EXIT FROM SCANIT IS TO THE BYTE FOLLOWING THE BRANCH TO *
3688+*   SCANIT IN THE CALLING ROUTINE. THE PSR (REGISTER 4) WILL CONTAIN *
3689+*   A ZERO IF NO DELIMITERS WERE FOUND OR A HIGH CONDITION IF ONE OR *
3690+*   MORE DELIMITERS WERE SCANNED. *
3691+*                                                                 *
3692+*EXITS, ERROR                                                                 *
3693+*   ERROR EXIT FROM SCANIT IS TO THE BYTE FOLLOWING THE BRANCH TO *
3694+*   SCANIT IN THE CALLING ROUTINE. THE PSR WILL CONTAIN A LOW *
3695+*   CONDITION. *
3696+*                                                                 *
3697+*TABLES/WORKAREAS                                                                 *
3698+*   * SCACNT - AREA CONTAINING NUMBERS OF DELIMITERS SCANNED *
3699+*   * SCAMMA - LOC WHERE SCACOM MAY BE MOVED IF ONE COMMA IS ALSO *
3700+*   TO BE CONSIDERED A DELIMITER. MOVING SCACOF BACK INTO SCAMMA *
3701+*   INDICATES THAT ONLY BLANKS SHOULD BE CONSIDERED DELIMITERS. *
3702+*                                                                 *
3703+*ATTRIBUTES                                                                 *
3704+*   RELOCATABLE AND RE-USABLE *
3705+*                                                                 *
3706+*CHARACTER CODE DEPENDENCY *
3707+*   THE OPERATION OF THIS MODULE DOES NOT DEPEND UPON A PARTICULAR *
3708+*   INTERNAL REPRESENTATION OF THE EXTERNAL CHARACTER SET. *
3709+*                                                                 *
3710+*NOTES                                                                 *
3711+*   ERROR PROCEDURES *
3712+*   THE ONLY ERROR CONDITION DETECTED BY SCANIT IS THE CASE WHERE *
3713+*   A CARRIAGE-RETURN CODE FOLLOWS A COMMA.  UPON RETURN TO THE *

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SCANIT - DELIMETER SCAN MODULE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT                                VER 15, MOD 00  09/06/21  PAGE  14
3714+*      CALLING ROUTINE, @PSR WILL BE SET TO A LOW CONDITION, THE      *
3715+*      ERROR CODE IS SET IN $CAERR, AND MG WILU BE POINTING TO THE      *
3716+*      CARRIAGE-RETURN CHARACTER.                                       *
3717+*      *                                                                    *
3718+*      REGISTER USAGE                                                    *
3719+*      REGISTER 2 (@XR) IS USED AS A POINTER ACROSS THE AREA BEING      *
3720+*      SCANNED FOR DELIMITERS.                                           *
3721+*      *                                                                    *
3722+*      SAVED/RESTORED AREAS                                              *
3723+*      UPON ENTRY TO SCANIT, REGISTER 8 (@ARR) IS SAVED AND USED AS    *
3724+*      THE RETURN ADDRESS.                                               *
3725+*      *                                                                    *
3726+*      MODIFICATION CONSIDERATIONS                                       *
3727+*      NONE                                                                *
3728+*      *                                                                    *
3729+*      REQUIRED MODULES                                                  *
3730+*      * @SYSEQ - COMMON SYSTEM EQUATES                                  *
3731+*      * @FXDEQ - FIXED NUCLEUS ADDRESSES EQUATES                       *
3732+*      *                                                                    *
3733+*      OTHER                                                                *
3734+*      SCANIT IS INITIALIZED TO BYPASS BLANKS ONLY. IF SCACOM IS        *
3735+*      MOVED TO SCAMMA, ONE COMMA WILL BE SCANNED ALONG WITH BLANKS.     *
3736+*      THE INSTRUCTION TO DO THIS IS AS FOLLOWS:                          *
3737+*      MVI    SCAMMA,SCACOM                                                *
3738+*      *                                                                    *
3739+*      TO DROP THE COMMA FROM ITS DELIMITER STATUS, SCACOF SHOULD BE      *
3740+*      MOVED TO SCAMMA, USING THE FOLLOWING INSTRUCTION:                   *
3741+*      MVI    SCAMMA,SCACOF                                                *
3742+*      *                                                                    *
3743+*      *****

3745+*
3746+*      EQUATES USED IN THIS SUBROUTINE
3747+*
0001 3748+SCAINC EQU    1          TO INCREMENT POINTER
0001 3749+SCACOM EQU   @BNE        SWITCH TO ALLOW SCANNING COMMA
0087 3750+SCACOF EQU   @UCB        SWITCH TO SET OFF THE INDICATON
3751+*      * FOR SCANNING A COMMA
1032 3752+SCANIT EQU   *          ENTRY POINT TO THIS SUBROUTINE
1032 34 08 106E      3753+      ST    SCA500+@OP1,@ARR        SAVE RETURN ADDRESS
1036 34 02 1070      3754+      ST    SCASVE,@XR            SAVE POINTER VALUE
103A 3C 04 03CD      3755+      MVI   $CAERR,@@E110          SET ERROR CODE
103E F2 87 03       3756+      J     SCA200                GO TO PROCESS
1041 E2 02 01       3757+SCA100 LA    SCAINC(,@XR),@XR        INCREMENT POINTER TO NEXT CHAR
1044 BD 40 00       3758+SCA200 CLI   0(,@XR),@BLANK        IS THIS CHAR BLANK ?
1047 C0 81 1041     3759+      BE    SCA100                YES, FETCH NEXT ONE
104B BD 6B 00       3760+      CLI   0(,@XR),@COMMA        IS IT A COMMA ?
104E F2 87 10       3761+SCA250 JC    SCA400,@UCB        UCS TO RETURN -- OR NOP IF
3762+*      * SCAMMA IS ACTIVE AND CHAR
1051 E2 02 01       3763+SCA300 LA    SCAINC(,@XR),@XR        INCREMENT POINTER TO NEXT CHAR
1054 BD 40 00       3764+      CLI   0(,@XR),@BLANK        IS THIS CHAR A BLANK ?
1057 C0 81 1051     3765+      BE    SCA300                YES, FETCH NEXT ONE
105B BD 1F 00       3766+      CLI   0(,@XR),@EOS+1        IS THIS EOS ?
105E F2 82 0A       3767+      JL    SCA500                IF NOT, SKIP ERROR ROUTINE
1061 34 02 1072     3768+SCA400 ST    SCACNT,@XR        SAVE NEW POINTER VALUE

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SCANIT - DELIMETER SCAN MODULE

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE STATEMENT	VER 15, MOD 00 09/06/21 PAGE 16
1120		3794		ORG X'1120' CADDR OF WORK AREA	
		3795		*****	
		3796		* *	
		3797		* KSETI EQUATES, CONSTANTS AND WORK AREAS *	
		3798		* *	
		3799		*****	
		3800		* *	
	1120	3801	KSEEU EQU *	CADDR FOR WORK AREA BASE	
		3802		* *	
		3803		* KSETI EQUATES REFERENCING CONSTANTS	
		3804		* *	
	0000	3805	KSEOFF EQU 0	TO SET SW OFF	
	0000	3806	KSEPD0 EQU 0	LINE PT DISP OF 0	
	0000	3807	KSEE00 EQU 0	TO CLEAR LINE PT	
	0001	3808	KSEONN EQU 1	TO SET SW ON	
	0001	3809	KSEPD1 EQU 1	LINE PT DISP OF 1	
	0002	3810	KSELAC EQU 2	DIGIT ACCUM LNG	
	0002	3811	KSEPD2 EQU 2	PT DISP OF 2	
	0003	3812	KSEPD3 EQU 3	LINE PT DISP OF 3	
	0004	3813	KSELD4 EQU 4	INCR PAST SQR2	
	0006	3814	KSETLG EQU 6	SYMBOL TABLE LNG	
	0041	3815	KSETVA EQU X'41'	DADDR OF SYMBOL TBLs	
	00FF	3816	KSEPGb EQU 255	VM PG BOUNDARY	
	0700	3817	KSETIN EQU X'0700'	CADDR FOR BEGINNING OF SYM TBL	
		3818		* *	
		3819		* KSETI CONSTANTS	
		3820		* *	
1120	0000	1121	3821	KSEI00 DC IL2'00'	INTEGER OF 0
1122	0001	1123	3822	KSEI01 DC IL2'01'	INTEGER OF 1
1124	0002	1125	3823	KSEI02 DC IL2'02'	INTEGER OF 2
1126	0004	1127	3824	KSEI04 DC IL2'04'	INTEGER OF 4
1128	12D3	1129	3825	KSERTN DC AL(@CADDR)(I\$RTRN)	CADDR OF PAGING MODULE
112A	0C08	112B	3826	KSEAAC DC AL(@CADDR)(KSETIN+B@DL16+1)	ARITH ARRAY DOPE VECTOR
			3827	* *	* VIRTUAL TO CORE ADDR
			3828	* *	* CONVERSION CONSTANT
			3829	* *	
112C	08	112C	3830	DC AL1(B@LILP-1)	INSTR TO MOVE THE LONG
112D	119C	112E	3831	DC AL(@CADDR)(KSECB8)	* PRECISION VALUE
112F	1162	1130	3832	KSEMC1 DC AL(@CADDR)(KSEPIL)	* OF PI
			3833	* *	
1131	08	1131	3834	DC AL1(B@LILP-1)	INSTR TO MOVE THE LONG
1132	119C	1133	3835	DC AL(@CADDR)(KSECB8)	* PRECISION VALUE
1134	116B	1135	3836	KSEMC2 DC AL(@CADDR)(KSECFI)	* OF E
			3837	* *	
1136	08	1136	3838	DC AL1(B@LILP-1)	INSTR TO MOVE THE LONG
1137	119C	1138	3839	DC AL(@CADDR)(KSECB8)	* PRECISION VALUE
1139	1159	113A	3840	KSEMC3 DC AL(@CADDR)(KSES2L)	* OF SQR2
			3841	* *	
			3842	* INTERNAL CONSTANT DESIGNATORS	
			3843	* *	
113B	D7C9	113C	3844	KSECPI DC CL2'PI'	DESIGNATOR FOR PI
113D	C5	113D	3845	KSEICE DC CL1'E'	DESIGNATOR FOR E
113E	E2D8D9F2	1141	3846	KSESQR DC CL4'SQR2'	DESIGNATOR FOR SQR2
			3847	* *	
			3848	* SHORT PRECISION INTERNAL CONSTANTS	
			3849	* *	

SCANIT - DELIMETER SCAN MODULE

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ERR LOC  OBJECT CODE      ADDR STMT SOURCE STATEMENT          VER 15, MOD 00  09/06/21  PAGE  17
1142 0141421481      1146 3850 KSES2S DC    XL(B@LISP)'0141421481'    SHORT PREC VALUE FOR &SOR2
      3851 *
1147 0314159381      114B 3852 KSEPIS DC    XL(B@LISP)'0314159381'    SHORT PREC VALUE FOR &PI
      3853 *
114C 0271828281      1150 3854 KSECES DC    XL(B@LISP)'0271828281'    SHORT PREC VALUE FOR &E
      3855 *
      3856 * LONG PRECISION INTERNAL CONSTANTS
      3857 *
1151 2141421356237310 1159 3858 KSES2L DC    XL(B@LILP)'214142135623731081' LONG PREC VALUE FOR &SOR2
      3859 *
115A 2314159265358979 1162 3860 KSEPIL DC    XL(B@LILP)'231415926535897981' LONG PREC VALUE FOR &PI
      3861 *
1163 2271828182845905 116B 3862 KSECFL DC    XL(B@LILP)'227182818284590581' LONG PREC VALUE FOR &E
      3863 *
      3864 * KSETI DISK PARAMETER LISTS
      3865 *
      3866 *KSEDPL DPL
116C 00      116C 3867 KSEDPL EQU    *          DISK PARAMETER LIST
116D 00      116C 3868          DC    AL1(*-*)          REQUESTED FUNCTION
116E 00      116D 3869          DC    AL1(*-*)          CYLINDER ADDRESS
116F 00      116E 3870          DC    AL1(*-*)          HEAD/SECTOR/DRIVE/DISK SPEC
1170 0000     116F 3871          DC    AL1(*-*)          SECTOR COUNT
      1171 3872          DC    AL2(*-*)          BUFFER ADDRESS
      3873 *** END OF EXPANSION ***

116C          3875          ORG    KSEDPL
116C 01      116C 3876          DC    AL1(@DGET)          INITIAL FUNC CODE
116D 0000000000 1171 3877          DC    XL5'00'          REMAINDER INITIALIZED TO ZERO
      3878 *
      3879 *KSEOVR DPL FUNC=@DGET,DADDR=#$KSOV,CNT=#$@KSO,CADDR=#$$KSO
1172 01      1172 3880 KSEOVR EQU    *          DISK PARAMETER LIST
1173 0AC8     1172 3881          DC    AL1(@DGET)          REQUESTED FUNCTION
1175 0D       1174 3882          DC    AL2(#$KSOV)          DISK ADDRESS
1176 0C20     1175 3883          DC    AL1(#$@KSO)          SECTOR COUNT
      1177 3884          DC    AL2(#$$KSO)          BUFFFFR ADDRESS
      3885 *** END OF EXPANSION ***

      3887 *KSETBL DPL FUNC=@DGET,CYL=@DCBCY,SCTR=KSETVA,CNT=KSETLG,CADDR=KSETIN
1178 01      1178 3888 KSETBL EQU    *          DISK PARAMETER LIST
1179 09      1178 3889          DC    AL1(@DGET)          REQUESTED FUNCTION
117A 41      1179 3890          DC    AL1(@DCBCY)          CYLINDER ADDRESS
117B 06      117A 3891          DC    AL1(KSETVA)          HEAD/SECTOR/DRIVE/DISK SPEC
117C 0700     117B 3892          DC    AL1(KSETLG)          SECTOR COUNT
      117D 3893          DC    AL2(KSETIN)          BUFFER ADDRESS
      3894 *** END OF EXPANSION ***

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SCANIT - DELIMETER SCAN MODULE

ERR LOC	OBJECT CODE	ADDR	STMT	SOURCE	STATEMENT	VER 15, MOD 00 09/06/21 PAGE 18
			3896	*		
			3897	*	KSETI WORK AREAS	
			3898	*		
117E		117E	3899	KSECRS DS	CL1 CHARACTER REF SW	
117F		117F	3900	KSESTS DS	CL1 SUBSC TERMINATION SW	
1180		1180	3901	KSEICS DS	CL1 INTERNAL CONSTANT SW	
1181		1181	3902	KSEDPS DS	CL1 DECIMAL POINT SW	
1182		1182	3903	KSELSA DS	CL1 LETTER SAVE AREA	
1183		1183	3904	KSEEXP DS	CL1 EXP SAVE AREA	
1184		1185	3905	KSEVAD DS	CL2 CONTAINS VAR VADDR	
1186		1187	3906	KSEATI DS	CL2 ADDRESS TABLE INDEX	
1186			3907	ORG	*-2 * INITIALLY SET TO	
1186	0000	1187	3908	DC	XL2'00' * ZERO	
1188		1189	3909	KSEDGT DS	CL2 LETTER-DIGIT TABLE INDEX ACCUM.	
1188			3910	ORG	*-2 * INITIALLY SET TO	
1188	0000	1189	3911	DC	XL2'00' * ZERO	
118A		118B	3912	KSESC1 DS	CL2 TO HOLD SUBSCRIPT 1	
118C		118D	3913	KSESC2 DS	CL2 TO HOLD SUBSCRIPT 2	
118C			3914	ORG	*-2 * INITIALLY SET TO CONTAIN	
118C	0000	118D	3915	DC	XL2'00' * ZERO	
118E		118F	3916	KSECNT DS	CL2 TO CONTAIN THE ELEMENT COUNT	
118E			3917	ORG	*-2 * INITIALLY CONTAINS	
118E	0000	118F	3918	DC	XL2'00' * ZERO	
1190		1190	3919	KSEELL DS	CL1 TO CONTAIN THE LENGTH OF EACH	
1190			3920	ORG	KSEELL * ARRAY ELEMENT: INITIALLY	
1190	05	1190	3921	DC	AL1(B@LISP) * PKD SHORT PREC	
1191		1191	3922	KSEEND DS	CL1 COUNT TO DETERMINE WHEN	
1191			3923	ORG	KSEEND * MANTISSA IS COMPLETE. INIT	
1191	07	1191	3924	DC	AL1(B@LESP-1) * SET FOR SHORT PREC MANTISSA	
1192		1192	3925	KSEMFS DS	CL1 FRACTION SWITCH	
1192			3926	ORG	KSEMFS * INITIALLY SET TO	
1192	00	1192	3927	DC	XL1'00' * AN OFF STATUS	
1193		1193	3928	KSECBS DS	CL1 CONSTANT BUCKET SWITCH	
1193			3929	ORG	KSECBS * INITIALLY SET TO	
1193	00	1193	3930	DC	XL1'00' * AN OFF STATUS	
			3931	*		
			3932	*	CONSTANT DATA BUCKET	
			3933	*		
1194		1194	3934	KSECDB EQU	* CADDR OF ALPHA TABLE	
1194		11A6	3935	DS	CL19 ALPHA TBL	
			3936	*		
			3937	*	ALPHABETIC CHARACTER TABLE	
			3938	*		
11A7	5B7B7CC1C2C3C4C5	11A7	3939	KSEATB EQU	* CADDR OF ALPHA TABLE	
		11C3	3940	DC	CL29' \$#@ABCDEFGHIJKLMNORSTUVWXYZ' ALPHA TBL	
			3941	*		
			3942	*	CONSTANT DATA BUCKET EQUATES	
			3943	*		
		1194	3944	KSECB0 EQU	KSECDB DATA BUCKET, STATUS BYTE	
		1195	3945	KSECB1 EQU	KSECDB+1 DATA BUCKET, EXPONENT BYTE	
		1196	3946	KSECB2 EQU	KSECDB+2 DATA BUCKET, MANTISSA BYTE	
		1197	3947	KSECB3 EQU	KSECDB+3 DATA BUCKET DISP OF 3	
		1198	3948	KSECB4 EQU	KSECDB+4 DATA BUCKET DISP OF 4	
		1199	3949	KSECB5 EQU	KSECDB+5 DATA BUCKET DISP OF 5	
		119A	3950	KSECB6 EQU	KSECDB+6 DATA BUCKET DISP OF 6	
		119B	3951	KSECB7 EQU	KSECDB+7 DATA BUCKET DISP OF 7	

SCANIT - DELIMETER SCAN MODULE

ERR LOC OBJECT CODE ADDR STMT SOURCE STATEMENT VER 15, MOD 00 09/06/21 PAGE 19

```

119C 3952 KSECB8 EQU KSECDB+8 DATA BUCKET DISP OF 8
119D 3953 KSECB9 EQU KSECDB+9 DATA BUCKET DISP OF 9
119E 3954 KSECBA EQU KSECDB+10 DATA BUCKET DISP OF 10
119F 3955 KSECBB EQU KSECDB+11 DATA BUCKET DISP OF 11
11A0 3956 KSECBC EQU KSECDB+12 DATA BUCKET DISP OF 12
11A1 3957 KSECBD EQU KSECDB+13 DATA BUCKET DISP OF 13
11A2 3958 KSECBE EQU KSECDB+14 DATA BUCKET DISP OF 14
11A3 3959 KSECBF EQU KSECDB+15 DATA BUCKET DISP OF 15
11A4 3960 KSECBG EQU KSECDB+16 DATA BUCKET DISP OF 16
11A6 3961 KSECHR EQU KSECDB+18 DATA BUCKET DISP CHAR
3962 *
3963 * KSETIT EQUATES REFERENCING PROGRAM
3964 *
070C 3965 KSELVT EQU KSETIN+B@DL06+1 CADDR 1ST ENTRY LVT
0746 3966 KSELDT EQU KSETIN+B@DL07+1 CADDR 1ST ENTRY LDT
098A 3967 KSECVT EQU KSETIN+B@DL10+1 CADDR 1ST ENTRY CVT
09C4 3968 KSENAT EQU KSETIN+B@DL11+1 CADDR 1ST ENTRY NAT
09FE 3969 KSECAT EQU KSETIN+B@DL12+1 CADDR 1ST ENTRY CAT

```

```

3971 * PATCH 2
3972 *****
3973 * PATCH AREA 2 *
3974 *****
3975 * CALCULATE AREA LEFT IN THIS SECTOR
3976 *
11C4 3977 $$$L2 EQU * START PATCH AREA 2
1200 3978 ORG *,256,0 SET LOC CNTR TO NEXT SECTOR
1200 3979 $$$T2 EQU * DEFINE ADDR OF SCTR BNDRY
11C4 3980 ORG $$$L2 SET LOC CNTR OF START
3981 * * OF PATCH AREA
11C4 11FF 3982 $$$S2 DS CL($$$T2-$$$L2) PATCH AREA
3983 *** END OF EXPANSION ***
3984 *
FFFF 3985 END

```

TOTAL STATEMENTS IN ERROR IN THIS ASSEMBLY = 0

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
\$\$\$\$\$	001	0E00	3353	
\$\$\$\$\$1	141	10FF	3791	
\$\$\$\$\$2	060	11FF	3982	
\$\$\$\$L1	001	1073	3786	3789 3791
\$\$\$\$L2	001	11C4	3977	3980 3982
\$\$\$\$T1	001	1100	3788	3791
\$\$\$\$T2	001	1200	3979	3982
\$\$\$CMD	001	0020	0659	
\$\$\$DAT	001	0040	0658	
\$\$\$EPL	001	0091	0655	
\$\$\$ERN	001	0080	0709	
\$\$\$FUN	001	0010	0660	
\$\$\$NLN	001	00A0	0705	
\$\$\$STD	001	0081	0654	
\$\$BNLN	001	0605	0635	0637
\$\$CDBS	001	08C0	0685	
\$\$CDND	001	0666	0644	
\$\$CDRD	001	0890	0683	0685
\$\$CKEY	001	0603	0633	
\$\$CKFF	001	0B3D	0665	
\$\$COFF	001	0B44	0664	
\$\$CSNS	001	209C	0694	
\$\$DATB	001	0BBF	0666	
\$\$EOSA	001	0AFE	0663	
\$\$ERSK	001	1C00	0704	
\$\$FITS	001	1D00	0712	
\$\$FLIB	001	06FF	0711	
\$\$ILEN	001	0601	0629	0631 0635
\$\$ILHD	001	0600	0627	0629
\$\$INLN	001	0607	0642	0644 0646
\$\$INND	001	06FA	0646	
\$\$KBDT	001	09E1	0653	0657
\$\$KBSN	001	09E2	0657	0662
\$\$KLD1	001	0600	0717	
\$\$KLD2	001	0700	0719	
\$\$KLD3	001	0C00	0721	
\$\$LPOS	001	09EB	0662	
\$\$PCNT	001	07E9	0678	
\$\$PLYN	001	2004	0692	
\$\$PRES	001	0890	0651	0653 0663 0664 0665 0666 0683
\$\$PRFL	001	2143	0696	
\$\$PRNT	001	0707	0672	0673 0677 0678
\$\$PRTN	001	0782	0673	
\$\$PSIO	001	07CE	0677	
\$\$PYCD	001	2200	0698	
\$\$PYMP	001	2000	0690	0692 0694 0696 0698
\$\$SLIB	001	1C00	0707	
\$\$TPCD	001	0606	0637	0642
\$\$UPAR	001	0602	0631	0633
\$\$WSPB	001	1E00	0710	
\$\$XIND	001	06FF	0708	0711
\$\$ZERO	001	0000	0223	0224 0226 0227 0228 0232 0690
\$\$TALT	001	0075	1945	
\$\$TBIS	001	00FC	1957	
\$\$TCET	001	0069	1944	
\$\$TCYL	001	005C	1943	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
\$#THAD	001	00F2	1949	
\$#THEL	001	0004	1969	
\$#THVT	001	00F0	1948	
\$#TIDR	001	00FF	1959	
\$#TLAD	001	00FE	1958	
\$#TLBL	001	0008	1940	
\$#TLIB	001	00F8	1954	
\$#TLIF	001	0010	1967	
\$#TLSZ	001	00F7	1953	
\$#TOID	001	005B	1942	
\$#TPAD	001	00F6	1952	
\$#TPFL	001	0008	1968	
\$#TPSZ	001	00F4	1951	
\$#TPTF	001	00F3	1950	
\$#TRES	001	00D7	1961	
\$#TSUS	001	00EF	1947	
\$#TSYM	001	0080	1964	
\$#TSYS	001	00FA	1956	
\$#TUSE	001	00A8	1946	
\$#TVOL	001	0002	1939	
\$#TVTC	001	000A	1941	
\$#TWAL	001	00D7	1960	
\$#TWF1	001	0020	1966	
\$#TWRK	001	00F9	1955	
\$#TWR1	001	0040	1965	
\$ABORT	001	0010	0336	
\$BASIC	001	0080	0394	
\$BIGCD	001	0080	0470	
\$BLDPL	001	0579	0603	0605
\$BLNOE	001	0569	0593	
\$BLOAD	001	0522	0584	0586 0589 0602 0603
\$BLRTN	001	0550	0592	0593
\$BRSAV	001	03C5	0281	0282
\$BSADR	001	0587	0608	0610
\$BUFPT	001	03E3	0489	0490
\$CABLD	001	04B4	0562	0563
\$CAERK	001	0469	0539	0542 3389 3399 3417 3451 3459 3461 3477 3516 3521 3529 3545 3552 3591 3610 3614 3630
\$CAERR	001	03CD	0287	0289 3388* 3398* 3416* 3450* 3476* 3515* 3520* 3528* 3544* 3590* 3609* 3613* 3629* 3755*
\$CAIPL	001	049D	0558	0560
\$CALLI	001	0008	0479	
\$CARDI	001	0001	0250	
\$CARPL	001	04A1	0560	0562
\$CIENT	001	0483	0549	0550
\$CIEXT	001	0480	0548	0549
\$CIMSK	001	0476	0545	0548
\$CISUS	001	0496	0553	0558
\$CLBFR	001	0010	0437	
\$CMDKY	001	0008	0349	
\$CMODE	001	0002	0399	
\$CONFIG	001	03DD	0462	0472
\$CRPOS	001	03E2	0488	0489
\$CRTAD	001	044D	0527	0528
\$CRTAV	001	0002	0343	
\$CRTDN	001	0002	0367	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
\$CRTIN	001	03D3	0364	0371
\$CRTNO	001	0004	0346	
\$CRTPU	001	0004	0368	
\$CRTSP	001	0008	0369	
\$CRTUP	001	0001	0366	
\$CRUSH	001	0080	0475	
\$CSDPL	001	050E	0574	0575 3644 3646 3651 3653
\$C0001	001	0464	0531	0537
\$DATE	001	043A	0512	0513
\$DBGUF	001	03E0	0474	0483
\$DBLOK	001	0001	0424	
\$DFDET	001	03E8	0495	0496
\$DISKN	001	0025	0226	3638
\$DKERR	001	0008	0405	
\$DKSIZ	001	03D7	0449	0457 0498
\$DK100	001	0001	0451	
\$DK200	001	0002	0452	
\$DK400	001	0004	0453	
\$DK600	001	0008	0454	
\$DK800	001	0010	0455	
\$DPLSV	001	0449	0523	0525
\$DTNMB	001	0040	0270	
\$DTRDR	001	0040	0358	
\$ENDNU	001	0600	0617	0627 0651 0672 0708 0717 0719 0721 2165
\$ERDPL	001	046F	0542	0544
\$ERFIL	001	0040	0297	
\$ERHRD	001	0004	0429	
\$ERKEY	001	0080	0301	
\$ERLOG	001	0345	0231	
\$ERMAD	001	0472	0544	0545
\$ERPND	001	0004	0402	
\$ERRCT	001	03CF	0303	
\$ERRPG	001	03CE	0291	
\$ERSFL	001	0035	0296	
\$ERSTK	001	0030	0294	
\$ER050	001	0363	0232	
\$ER1N2	001	0050	0299	
\$EXADR	001	0517	0577	0579
\$EXCMD	001	0001	0331	
\$EXFTR	001	043B	0513	0518
\$FCIND	001	0010	0409	
\$FDIND	001	0040	0416	
\$FEARR	001	0004	0224	
\$FEMAP	001	0588	0610	0611
\$FILIB	001	03DA	0460	0461
\$FITIN	001	0010	0385	
\$FUIND	001	0020	0414	
\$GUFIO	001	0583	0607	0608
\$GUFIR	001	0008	0259	
\$HISTE	001	042E	0510	0511
\$HIST1	001	0435	0511	0512
\$HRDER	001	0020	0355	
\$INDR1	001	03D4	0371	0397
\$INDR2	001	03D5	0397	0422
\$INDR3	001	03D6	0422	0449
\$INLNO	001	03CF	0289	0291 0303 0310

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
\$INRPT	001	0020	0267	
\$IOIND	001	03D2	0338	0364
\$IOPGS	001	0010	0478	
\$IOYES	001	0002	0253	
\$IPLDV	001	05FF	0614	0617
\$IRKEY	001	0020	0477	
\$KEYBD	001	03E1	0483	0488
\$KEYCD	001	03C3	0247	0281
\$KEYDT	001	0040	0391	
\$KE090	001	00DE	0227	
\$KE130	001	01D5	0228	
\$KSETI	001	0E07	3356	
\$KYBSY	001	0010	0264	
\$LDRTN	001	0571	0602	
\$LEVEL	001	03DF	0472	0474
\$LIST	001	0002	0426	
\$LMRGN	001	03C1	0242	0244
\$LNPTR	001	0080	0361	
\$LOADB	001	054A	0586	
\$LOADR	001	051A	0579	0582
\$LPRIO	001	03EA	0496	
\$LPROS	001	03E5	0491	0493
\$LPRP3	001	03E4	0490	0491
\$MOUNT	001	0020	0440	
\$MPDWN	001	0001	0340	
\$NEXTB	001	03E6	0493	0494
\$NEXTL	001	03E7	0494	0495
\$NOENB	001	0008	0432	
\$NOLST	001	0004	0256	
\$NUCBS	001	03C0	0239	0240
\$NWRKF	001	0080	0445	
\$NWRKR	001	0040	0442	
\$PASWD	001	042D	0509	0510
\$PAUSD	001	04BA	0563	0565
\$PAUSE	001	0002	0333	
\$PGMDT	001	0020	0388	
\$PGMST	001	0010	0352	
\$PKERT	001	0419	0507	0509
\$PLST1	001	0454	0528	0529
\$PLST2	001	045B	0529	0530
\$PLST3	001	0462	0530	0531
\$PRDEV	001	044B	0525	0527
\$PRESN	001	0002	0376	
\$PROCI	001	0001	0373	
\$PRPOS	001	03C2	0244	0247
\$PSDBR	001	04FA	0568	
\$PSDXR	001	04F2	0567	0568
\$PSTEP	001	0004	0334	
\$PSTMT	001	0008	0335	
\$PTCH1	001	03F5	0498	0502
\$READY	001	0080	0418	
\$REORD	001	0040	0476	
\$RLOAD	001	051E	0582	0584 3654
\$RMRGN	001	03C0	0240	0242
\$RSTR	001	04D6	0565	0567 0569 0574
\$RUNIT	001	0001	0312	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
\$SFAID	001	050D	0570	
\$SPRNT	001	0465	0537	0539
\$SRTRN	001	04FE	0569	0570
\$STEPT	001	0002	0313	
\$SWPCR	001	0511	0575	0577
\$TABLN	001	03CB	0284	0287
\$TFLOW	001	0008	0319	
\$TRACE	001	0004	0314	
\$TRALL	001	0010	0320	
\$TROVR	001	054E	0589	0592
\$TRUNK	001	0080	0272	
\$TRVAR	001	0020	0321	
\$UNMSK	001	048D	0550	0553
\$USRDR	001	03DC	0461	0462
\$VMDEF	001	0080	0325	
\$VOLF1	001	03FE	0504	0505
\$VOLF2	001	040E	0506	
\$VOLID	001	03F6	0502	0503 0507
\$VOLR1	001	03F6	0503	0504
\$VOLR2	001	0406	0505	0506
\$WAITF	001	057F	0605	0607
\$WFDEF	001	0040	0519	
\$WFLOK	001	0008	0382	
\$WFNME	001	0443	0518	0523
\$WSIND	001	0004	0379	
\$XIND1	001	03D0	0310	0329 3371
\$XIND2	001	03D1	0329	0338
\$XIND3	001	03D8	0457	0460
\$XPREC	001	0040	0322	3371
\$XRSAV	001	03C7	0282	0284 3386
\$ZTRAD	001	05A2	0611	
\$12K	001	0004	0466	
\$16CKY	001	0008	0468	
\$16K	001	0002	0465	
\$22IMP	001	0001	0463	
###BL	001	0000	1672	
###CK	001	0000	1800	
###CN	001	0000	1768	
###CO	001	0000	1560	
###CS	001	0000	1620	
###DR	001	0000	1364	
###ER	001	0000	1564	
###FS	001	0000	1660	
###IN	001	0000	1804	
###PW	001	0000	1808	
###RS	001	0000	1640	
###SA	001	0000	1628	
###SS	001	0000	1624	
###VU	001	0600	1584	
###0T	001	0700	1356	
###1T	001	0000	1360	
###BCO	001	0600	1372	
###BOV	001	0800	1644	
###DPR	001	0700	1380	
###DRE	001	0889	1396	
###DSP	001	2800	1416	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
###ECM	001	0C00	1676	
###EFK	001	0C00	1696	
###ERR	001	0C00	1668	
###EXM	001	0C00	1556	
###FIL	001	0E00	1636	
###FIS	001	0E00	1632	
###FML	001	0200	1764	
###FMS	001	0200	1604	
###GRA	001	0889	1528	
###GUF	001	0C00	1664	
###INL	001	0600	1744	
###INS	001	0600	1368	
###KAL	001	0C00	1532	
###KCA	001	0C00	1748	
###KCH	001	0C00	1500	
###KCN	001	0C00	1616	
###KCT	001	0C00	1468	
###KDE	001	0C00	1464	
###KDI	001	0D00	1544	
###KDN	001	0C00	1452	
###KDO	001	0E00	1548	
###KED	001	0C00	1388	
###KEN	001	0C00	1392	
###KEX	001	0C00	1412	
###KGO	001	0C00	1384	
###KHE	001	0C00	1568	
###KKE	001	0C00	1796	
###KLI	001	0C00	1472	
###KLL	001	0920	1772	
###KLO	001	0C00	1476	
###KME	001	0D00	1456	
###KMO	001	0C00	1400	
###KNA	001	0C00	1512	
###KOV	001	0E00	1432	
###KPA	001	0C00	1408	
###KPO	001	0C00	1496	
###KPR	001	0C00	1520	
###KRE	001	0C00	1440	
###KRL	001	0700	1536	
###KRM	001	0C00	1404	
###KRN	001	0700	1424	
###KRO	001	0D00	1428	
###KRS	001	0C00	1752	
###KRU	001	0C00	1448	
###KRV	001	0800	1540	
###KSA	001	0C00	1484	
###KSE	001	0E00	1524	3352
###KSO	001	0C20	1576	3884
###KSS	001	0C00	1508	
###KSV	001	0980	1504	
###KSY	001	0C00	1516	
###KWI	001	0C00	1444	
###KWR	001	0C00	1436	
###LOA	001	0600	1376	
###MIP	001	0C00	1572	
###SDS	001	0C00	1684	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
####SFF	001	0E00	1688	
####SFL	001	0F00	1680	
####SFO	001	1500	1652	
####SFS	001	0C00	1648	
####SPA	001	0C00	1488	
####SPO	001	0806	1492	
####SPS	001	0C00	1480	
####STR	001	1600	1656	
####TDC	001	1000	1460	
####TSY	001	1000	1420	
####TVK	001	0FC0	1596	
####UAL	001	0C00	1612	
####UAT	001	0900	1708	
####UCD	001	0900	1716	
####UCN	001	0C00	1700	
####UCP	001	0700	1704	
####UDE	001	0C00	1720	
####UDI	001	0C00	1724	
####UEX	001	0C00	1608	
####UIN	001	0C00	1712	
####UPA	001	0C00	1692	
####UPO	001	0C00	1760	
####UPT	001	0C00	1756	
####VCR	001	2000	1552	
####VLO	001	0600	1588	
####VOD	001	0600	1592	
####VVM	001	0000	1600	
####VXI	001	0600	1580	
####ZDU	001	1100	1732	
####ZLB	001	1100	1776	
####ZLO	001	1100	1736	
####ZLV	001	0F00	1792	
####ZL1	001	0F00	1780	
####ZL2	001	0F00	1784	
####ZL3	001	0C00	1788	
####ZTR	001	1000	1728	
####ZUT	001	0C00	1740	
##BLN	001	18D4	1671	
##CKT	001	2118	1799	
##CNF	001	2000	1767	
##COR	001	0800	1559	
##CSA	001	1000	1619	
##DRT	001	0000	1363	
##ERM	001	0928	1563	
##FSP	001	1880	1659	
##INV	001	212C	1803	
##PWR	001	2300	1807	
##RSP	001	1780	1639	
##SAV	001	1180	1627	
##SSA	001	1128	1623	
##VUF	001	0B08	1583	
##0TR	001	0000	1355	
##1TR	001	0080	1359	
##@BL	001	0001	1673	
##@CK	001	0004	1801	
##@CN	001	0001	1769	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
#\$@#CO	001	003A	1561	
#\$@#CS	001	003A	1621	
#\$@#DR	001	0008	1365	
#\$@#ER	001	0032	1565	
#\$@#FS	001	0030	1661	
#\$@#IN	001	003A	1805	
#\$@#PW	001	00C0	1809	
#\$@#RS	001	0030	1641	
#\$@#SA	001	0108	1629	
#\$@#SS	001	0001	1625	
#\$@#VU	001	0002	1585	
#\$@#0T	001	0018	1357	
#\$@#1T	001	0018	1361	
#\$@#BCO	001	0018	1373	
#\$@#BOV	001	0018	1645	
#\$@#DPR	001	0005	1381	
#\$@#DRE	001	0001	1397	
#\$@#DSP	001	0004	1417	
#\$@#ECM	001	0006	1677	
#\$@#EFK	001	0002	1697	
#\$@#ERR	001	0003	1669	
#\$@#EXM	001	0003	1557	
#\$@#FIL	001	0009	1637	
#\$@#FIS	001	0009	1633	
#\$@#FML	001	0052	1765	
#\$@#FMS	001	0052	1605	
#\$@#GRA	001	0003	1529	
#\$@#GUF	001	0010	1665	
#\$@#INL	001	0010	1745	
#\$@#INS	001	0010	1369	
#\$@#KAL	001	000F	1533	
#\$@#KCA	001	000C	1749	
#\$@#KCH	001	000C	1501	
#\$@#KCN	001	0010	1617	
#\$@#KCT	001	0009	1469	
#\$@#KDE	001	0010	1465	
#\$@#KDI	001	0005	1545	
#\$@#KDN	001	0010	1453	
#\$@#KDO	001	000C	1549	
#\$@#KED	001	000E	1389	
#\$@#KEN	001	0006	1393	
#\$@#KEX	001	0003	1413	
#\$@#KGO	001	0002	1385	
#\$@#KHE	001	000C	1569	
#\$@#KKE	001	0006	1797	
#\$@#KLI	001	0011	1473	
#\$@#KLL	001	0001	1773	
#\$@#KLO	001	0008	1477	
#\$@#KME	001	0003	1457	
#\$@#KMO	001	0004	1401	
#\$@#KNA	001	0008	1513	
#\$@#KOV	001	0009	1433	
#\$@#KPA	001	0005	1409	
#\$@#KPO	001	000D	1497	
#\$@#KPR	001	0009	1521	
#\$@#KRE	001	0002	1441	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
#\$@KRL	001	0004	1537	
#\$@KRM	001	0003	1405	
#\$@KRN	001	0003	1425	
#\$@KRO	001	000A	1429	
#\$@KRS	001	000A	1753	
#\$@KRU	001	0003	1449	
#\$@KRV	001	000D	1541	
#\$@KSA	001	0011	1485	
#\$@KSE	001	0004	1525	
#\$@KSO	001	000D	1577	3883
#\$@KSS	001	000B	1509	
#\$@KSV	001	0002	1505	
#\$@KSY	001	000F	1517	
#\$@KWI	001	0002	1445	
#\$@KWR	001	0002	1437	
#\$@LOA	001	0013	1377	
#\$@MIP	001	000D	1573	
#\$@SDS	001	0004	1685	
#\$@SFF	001	0008	1689	
#\$@SFL	001	0005	1681	
#\$@SFO	001	0003	1653	
#\$@SFS	001	0011	1649	
#\$@SPA	001	0004	1489	
#\$@SPO	001	0003	1493	
#\$@SPS	001	0001	1481	
#\$@STR	001	0002	1657	
#\$@TDC	001	0003	1461	
#\$@TSY	001	0003	1421	
#\$@TVK	001	0001	1597	
#\$@UAL	001	0011	1613	
#\$@UAT	001	000C	1709	
#\$@UCD	001	000B	1717	
#\$@UCN	001	0009	1701	
#\$@UCP	001	000F	1705	
#\$@UDE	001	000E	1721	
#\$@UDI	001	0008	1725	
#\$@UEX	001	000E	1609	
#\$@UIN	001	000F	1713	
#\$@UPA	001	0004	1693	
#\$@UPO	001	0005	1761	
#\$@UPT	001	0012	1757	
#\$@VCR	001	0008	1553	
#\$@VLO	001	0002	1589	
#\$@VOD	001	0016	1593	
#\$@VVM	001	0030	1601	
#\$@VXI	001	0002	1581	
#\$@ZDU	001	0008	1733	
#\$@ZLB	001	0002	1777	
#\$@ZLO	001	000C	1737	
#\$@ZLV	001	0006	1793	
#\$@ZL1	001	0007	1781	
#\$@ZL2	001	000D	1785	
#\$@ZL3	001	000A	1789	
#\$@ZTR	001	0001	1729	
#\$@ZUT	001	0014	1741	
#\$BCOM	001	0080	1371	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN
#\$BOLV	001	1780	1643
#\$DPRI	001	014C	1379
#\$DREA	001	0200	1395
#\$DSPL	001	0240	1415
#\$ECMA	001	1900	1675
#\$EFKE	001	1990	1695
#\$ERRP	001	18C0	1667
#\$EXMS	001	07D4	1555
#\$FILN	001	1724	1635
#\$FIST	001	1700	1631
#\$FMLN	001	1E00	1763
#\$FMST	001	0D00	1603
#\$GRAP	001	0690	1527
#\$GUFU	001	1880	1663
#\$INLN	001	1C84	1743
#\$INST	001	0020	1367
#\$KALL	001	06A4	1531
#\$KCAL	001	1CC4	1747
#\$KCHA	001	053C	1499
#\$KCND	001	0F80	1615
#\$KCTL	001	03BC	1467
#\$KDEL	001	035C	1463
#\$KDIS	001	0744	1543
#\$KDNT	001	0300	1451
#\$KDOV	001	0780	1547
#\$KEDI	001	0188	1387
#\$KENA	001	01C4	1391
#\$KEXT	001	0234	1411
#\$KGOS	001	0180	1383
#\$KHEL	001	0A30	1567
#\$KKEY	001	2100	1795
#\$KLIS	001	0400	1471
#\$KLLA	001	2004	1771
#\$KLOG	001	0444	1475
#\$KMER	001	030C	1455
#\$KMOU	001	0204	1399
#\$KNAM	001	05C0	1511
#\$KOVN	001	0290	1431
#\$KPAS	001	0220	1407
#\$KPOO	001	0508	1495
#\$KPRT	001	063C	1519
#\$KREA	001	02BC	1439
#\$KRLA	001	0700	1535
#\$KRMO	001	0214	1403
#\$KRNU	001	0280	1423
#\$KROV	001	028C	1427
#\$KRSU	001	1D24	1751
#\$KRUN	001	02CC	1447
#\$KRVL	001	0710	1539
#\$KSAV	001	0488	1483
#\$KSET	001	0680	1523
#\$KSOV	001	0AC8	1575
#\$KSSP	001	0594	1507
#\$KSVL	001	058C	1503
#\$KSYM	001	0600	1515
#\$KWID	001	02C4	1443

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CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
#\$KWRI	001	02B4	1435	
#\$LOAD	001	0100	1375	
#\$MIPP	001	0A80	1571	
#\$SDSY	001	192C	1683	
#\$SFFI	001	193C	1687	
#\$SFLO	001	1918	1679	
#\$SFOV	001	1844	1651	
#\$SFSY	001	1800	1647	
#\$SPAC	001	04CC	1487	
#\$SPOV	001	04DC	1491	
#\$SPSY	001	0484	1479	
#\$STRO	001	1850	1655	
#\$TDCK	001	0350	1459	
#\$TSYK	001	0250	1419	
#\$TVKB	001	0BAC	1595	
#\$UALL	001	0F00	1611	
#\$UATR	001	1A38	1707	
#\$UCDI	001	1AD8	1715	
#\$UCNF	001	19B8	1699	
#\$UCPL	001	19DC	1703	
#\$UDEL	001	1B24	1719	
#\$UDIS	001	1B5C	1723	
#\$UEXL	001	0EA8	1607	
#\$UINI	001	1A88	1711	
#\$UPAC	001	1980	1691	
#\$UPOV	001	1D24	1759	
#\$UPTF	001	1D5C	1755	
#\$VCRT	001	07B4	1551	
#\$VLOA	001	0B80	1587	
#\$VODK	001	0B88	1591	
#\$VVMR	001	0C00	1599	
#\$VXIT	001	0B00	1579	
#\$ZDUM	001	1BA4	1731	
#\$ZLBM	001	2008	1775	
#\$ZLOA	001	1BC4	1735	
#\$ZLVR	001	20B0	1791	
#\$ZL1M	001	2010	1779	
#\$ZL2M	001	2030	1783	
#\$ZL3M	001	2088	1787	
#\$ZTRA	001	1B9C	1727	
#\$ZUTM	001	1C14	1739	
##DNEA	001	0001	1862	
##DNEF	001	0003	1863	
##DNER	001	0005	1864	
##DNE1	001	0004	1861	
##DNHC	001	0000	1858	
##DNHR	001	0003	1860	
##DNHY	001	0001	1859	
##DPEA	001	0009	1836	
##DPEN	001	0007	1835	
##DPER	001	000B	1837	
##DPE1	001	0004	1834	
##DPHC	001	0000	1832	
##DPHR	001	0003	1833	
##DUEA	001	0009	1847	
##DUED	001	0012	1852	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
##DUEF	001	000B	1848	
##DUEH	001	002B	1853	
##DUEI	001	000C	1849	
##DUEL	001	000F	1851	
##DUEN	001	0007	1846	
##DUER	001	0031	1854	
##DUES	001	000D	1850	
##DUE1	001	000C	1845	
##DUHA	001	0001	1841	
##DUHB	001	0003	1842	
##DUHC	001	0004	1843	
##DUHR	001	000B	1844	
##LAAA	001	0002	1873	
##LAHC	001	0001	1872	
##LN	001	0001	1901	
##LNE	001	0006	1907	
##LNEF	001	0002	1905	
##LNEZ	001	0002	1906	
##LNH	001	0004	1904	
##LNHY	001	0001	1902	
##LNHZ	001	0002	1903	
##LP	001	0004	1877	
##LPE	001	000C	1882	
##LPEN	001	0008	1879	
##LPEZ	001	0002	1880	
##LPH	001	0004	1881	
##LPHZ	001	0003	1878	
##LU	001	0002	1886	
##LUE	001	0032	1897	
##LUED	001	0003	1894	
##LUEF	001	0002	1890	
##LUEH	001	0019	1895	
##LUEI	001	0001	1891	
##LUEL	001	0002	1893	
##LUEN	001	0008	1889	
##LUES	001	0001	1892	
##LUEZ	001	0006	1896	
##LUH	001	000C	1888	
##LUHZ	001	0007	1887	
##MNHM	001	002A	1930	
##MPHM	001	0055	1915	
##MUEG	001	0020	1922	
##MUEK	001	0040	1921	
##MUEO	001	0004	1925	
##MUEP	001	0080	1920	
##MUER	001	0008	1924	
##MUEV	001	0002	1926	
##MUEX	001	0010	1923	
##MUHM	001	000A	1919	
##RN	001	0000	1821	
##RP	001	0001	1822	
##R1	001	0007	1824	
##R2	001	0005	1823	
#KSETI	001	0000	0001	
@@E001	001	0000	1259	1261
@@E003	001	0001	1261	1263

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E004	001	0002	1263	1265
@@E005	001	0003	1265	1267
@@E006	001	0004	1267	1269
@@E007	001	0005	1269	1271
@@E008	001	0006	1271	1273
@@E009	001	0007	1273	1275
@@E010	001	0008	1275	1277
@@E011	001	0009	1277	1279
@@E012	001	000A	1279	1281
@@E013	001	000B	1281	1283
@@E014	001	000C	1283	1285
@@E015	001	000D	1285	1287
@@E016	001	000E	1287	1289
@@E017	001	000F	1289	1291
@@E018	001	0010	1291	1293
@@E019	001	0011	1293	1295
@@E020	001	0012	1295	1297
@@E021	001	0013	1297	1299
@@E023	001	0014	1299	1301
@@E024	001	0015	1301	1303
@@E025	001	0016	1303	1305
@@E026	001	0017	1305	1307
@@E027	001	0018	1307	1309
@@E028	001	0019	1309	1311
@@E029	001	001A	1311	1313
@@E030	001	001B	1313	1315
@@E031	001	001C	1315	1317
@@E032	001	001D	1317	1319
@@E035	001	001E	1319	1321
@@E036	001	001F	1321	1323
@@E037	001	0020	1323	1325
@@E038	001	0021	1325	1327
@@E039	001	0022	1327	1329
@@E040	001	0023	1329	1331
@@E041	001	0024	1331	1333
@@E042	001	0025	1333	1335
@@E043	001	0026	1335	1337
@@E044	001	0027	1337	1339
@@E045	001	0028	1339	1341
@@E046	001	0029	1341	1343
@@E060	001	002A	1343	1345
@@E080	001	002B	1345	
@@E100	001	0000	0731	0733
@@E101	001	0001	0733	0735
@@E102	001	0002	0735	0737
@@E103	001	0003	0737	0739
@@E110	001	0004	0739	0741 3755
@@E112	001	0005	0741	0743 3528
@@E113	001	0006	0743	0745 3520
@@E114	001	0007	0745	0747 3613
@@E115	001	0008	0747	0749 3590
@@E116	001	0009	0749	0751 3476
@@E117	001	000A	0751	0753 3544
@@E120	001	000B	0753	0755
@@E122	001	000C	0755	0757
@@E123	001	000D	0757	0759

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E124	001	000E	0759	0761
@@E129	001	000F	0761	0763
@@E130	001	0010	0763	0765 3398
@@E131	001	0011	0765	0767
@@E133	001	0012	0767	0769 3629
@@E134	001	0013	0769	0771
@@E135	001	0014	0771	0773
@@E136	001	0015	0773	0775
@@E137	001	0016	0775	0777
@@E138	001	0017	0777	0779
@@E139	001	0018	0779	0781 3388
@@E142	001	0019	0781	0783
@@E143	001	001A	0783	0785
@@E150	001	001B	0785	0787 3416
@@E151	001	001C	0787	0789 3450
@@E160	001	001D	0789	0791 3515 3609
@@E162	001	001E	0791	0793
@@E163	001	001F	0793	0795
@@E164	001	0020	0795	0797
@@E200	001	0021	0797	0799
@@E205	001	0022	0799	0801
@@E210	001	0023	0801	0803
@@E211	001	0024	0803	0805
@@E212	001	0025	0805	0807
@@E213	001	0026	0807	0809
@@E215	001	0027	0809	0811
@@E216	001	0028	0811	0813
@@E217	001	0029	0813	0815
@@E220	001	002A	0815	0817
@@E221	001	002B	0817	0819
@@E222	001	002C	0819	0821
@@E223	001	002D	0821	0823
@@E225	001	002E	0823	0825
@@E226	001	002F	0825	0827
@@E227	001	0030	0827	0829
@@E228	001	0031	0829	0831
@@E229	001	0032	0831	0833
@@E230	001	0033	0833	0835
@@E232	001	0034	0835	0837
@@E234	001	0035	0837	0839
@@E237	001	0036	0839	0841
@@E240	001	0037	0841	0843
@@E241	001	0038	0843	0845
@@E242	001	0039	0845	0847
@@E248	001	003A	0847	0849
@@E249	001	003B	0849	0851
@@E250	001	003C	0851	0853
@@E251	001	003D	0853	0855
@@E252	001	003E	0855	0857
@@E253	001	003F	0857	0859
@@E254	001	0040	0859	0861
@@E255	001	0041	0861	0863
@@E256	001	0042	0863	0865
@@E300	001	0043	0865	0867
@@E301	001	0044	0867	0869
@@E302	001	0045	0869	0871

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E303	001	0046	0871	0873
@@E304	001	0047	0873	0875
@@E305	001	0048	0875	0877
@@E308	001	0049	0877	0879
@@E310	001	004A	0879	0881
@@E315	001	004B	0881	0883
@@E316	001	004C	0883	0885
@@E320	001	004D	0885	0887
@@E325	001	004E	0887	0889
@@E330	001	004F	0889	0891
@@E335	001	0050	0891	0893
@@E338	001	0051	0893	0895
@@E340	001	0052	0895	0897
@@E350	001	0053	0897	0899
@@E351	001	0054	0899	0901
@@E352	001	0055	0901	0903
@@E360	001	0056	0903	0905
@@E361	001	0057	0905	0907
@@E362	001	0058	0907	0909
@@E371	001	0059	0909	0911
@@E380	001	005A	0911	0913
@@E390	001	005B	0913	0915
@@E400	001	005C	0915	0917
@@E410	001	005D	0917	0919
@@E415	001	005E	0919	0921
@@E417	001	005F	0921	0923
@@E420	001	0060	0923	0925
@@E430	001	0061	0925	0927
@@E432	001	0062	0927	0929
@@E433	001	0063	0929	0931
@@E450	001	0064	0931	0933
@@E451	001	0065	0933	0935
@@E460	001	0066	0935	0937
@@E461	001	0067	0937	0939
@@E464	001	0068	0939	0941
@@E465	001	0069	0941	0943
@@E466	001	006A	0943	0945
@@E467	001	006B	0945	0947
@@E469	001	006C	0947	0949
@@E470	001	006D	0949	0951
@@E471	001	006E	0951	0953
@@E473	001	006F	0953	0955
@@E474	001	0070	0955	0957
@@E475	001	0071	0957	0959
@@E476	001	0072	0959	0961
@@E477	001	0073	0961	0963
@@E478	001	0074	0963	0965
@@E479	001	0075	0965	0967
@@E480	001	0076	0967	0969
@@E481	001	0077	0969	0971
@@E482	001	0078	0971	0973
@@E483	001	0079	0973	0975
@@E484	001	007A	0975	0977
@@E485	001	007B	0977	0979
@@E486	001	007C	0979	0981
@@E487	001	007D	0981	0983

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E488	001	007E	0983	0985
@@E489	001	007F	0985	0987
@@E490	001	0080	0987	0989
@@E491	001	0081	0989	0991
@@E492	001	0082	0991	0993
@@E493	001	0083	0993	0995
@@E494	001	0084	0995	0997
@@E495	001	0085	0997	0999
@@E496	001	0086	0999	1001
@@E497	001	0087	1001	1003
@@E498	001	0088	1003	1005
@@E500	001	0089	1005	1007
@@E501	001	008A	1007	1009
@@E530	001	008B	1009	1011
@@E531	001	008C	1011	1013
@@E535	001	008D	1013	1015
@@E540	001	008E	1015	1017
@@E541	001	008F	1017	1019
@@E542	001	0090	1019	1021
@@E543	001	0091	1021	1023
@@E544	001	0092	1023	1025
@@E545	001	0093	1025	1027
@@E546	001	0094	1027	1029
@@E547	001	0095	1029	1031
@@E548	001	FFFF	1235	
@@E549	001	0096	1031	1033
@@E550	001	0097	1033	1035
@@E551	001	0098	1035	1037
@@E552	001	0099	1037	1039
@@E553	001	009A	1039	1041
@@E554	001	009B	1041	1043
@@E555	001	009C	1043	1045
@@E556	001	009D	1045	1047
@@E558	001	009E	1047	1049
@@E570	001	009F	1049	1051
@@E571	001	00A0	1051	1053
@@E572	001	00A1	1053	1055
@@E573	001	00A2	1055	1057
@@E574	001	00A3	1057	1059
@@E575	001	FFFF	1237	
@@E578	001	00A4	1059	1061
@@E579	001	FFFF	1239	
@@E580	001	FFFF	1241	
@@E585	001	00A5	1061	1063
@@E595	001	FFFF	1243	
@@E597	001	FFFF	1245	
@@E598	001	FFFF	1247	
@@E600	001	00A6	1063	1065
@@E601	001	00A7	1065	1067
@@E602	001	00A8	1067	1069
@@E603	001	00A9	1069	1071
@@E604	001	00AA	1071	1073
@@E606	001	00AB	1073	1075
@@E607	001	00AC	1075	1077
@@E608	001	00AD	1077	1079
@@E609	001	00AE	1079	1081

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E610	001	00AF	1081	1083
@@E611	001	00B0	1083	1085
@@E612	001	00B1	1085	1087
@@E613	001	00B2	1087	1089
@@E614	001	00B3	1089	1091
@@E700	001	00B4	1091	1093
@@E701	001	00B5	1093	1095
@@E710	001	00B6	1095	1097
@@E712	001	00B7	1097	1099
@@E713	001	00B8	1099	1101
@@E714	001	00B9	1101	1103
@@E715	001	00BA	1103	1105
@@E716	001	00BB	1105	1107
@@E717	001	00BC	1107	1109
@@E718	001	00BD	1109	1111
@@E720	001	00BE	1111	1113
@@E721	001	00BF	1113	1115
@@E723	001	00C0	1115	1117
@@E724	001	00C1	1117	1119
@@E725	001	00C2	1119	1121
@@E726	001	00C3	1121	1123
@@E727	001	00C4	1123	1125
@@E728	001	00C5	1125	1127
@@E729	001	00C6	1127	1129
@@E730	001	00C7	1129	1131
@@E732	001	00C8	1131	1133
@@E752	001	00C9	1133	1135
@@E753	001	00CA	1135	1137
@@E754	001	00CB	1137	1139
@@E755	001	00CC	1139	1141
@@E756	001	00CD	1141	1143
@@E757	001	00CE	1143	1145
@@E758	001	00CF	1145	1147
@@E759	001	00D0	1147	1149
@@E760	001	00D1	1149	1151
@@E761	001	00D2	1151	1153
@@E762	001	00D3	1153	1155
@@E763	001	00D4	1155	1157
@@E764	001	00D5	1157	1159
@@E765	001	00D6	1159	1161
@@E766	001	00D7	1161	1163
@@E767	001	00D8	1163	1165
@@E768	001	00D9	1165	1167
@@E769	001	00DA	1167	1169
@@E770	001	00DB	1169	1171
@@E771	001	00DC	1171	1173
@@E772	001	00DD	1173	1175
@@E773	001	00DE	1175	1177
@@E774	001	00DF	1177	1179
@@E775	001	00E0	1179	1181
@@E776	001	00E1	1181	1183
@@E777	001	00E2	1183	1185
@@E778	001	00E3	1185	1187
@@E779	001	00E4	1187	1189
@@E780	001	00E5	1189	1191
@@E781	001	00E6	1191	1193

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@@E782	001	00E7	1193	1195
@@E783	001	00E8	1195	1197
@@E784	001	00E9	1197	1199
@@E785	001	00EA	1199	1201
@@E786	001	00EB	1201	1203
@@E790	001	00EC	1203	1205
@@E791	001	00ED	1205	1207
@@E792	001	00EE	1207	1209
@@E793	001	00EF	1209	1211
@@E794	001	00F0	1211	1213
@@E795	001	00F1	1213	1215
@@E796	001	00F2	1215	1217
@@E797	001	00F3	1217	1219
@@E798	001	00F4	1219	1221
@@E800	001	FFFF	1249	
@@E801	001	FFFF	1251	
@@E802	001	FFFF	1253	
@@E803	001	FFFF	1255	
@@E804	001	FFFF	1257	
@@E900	001	00F5	1221	1223
@@E901	001	00F6	1223	1225
@@E902	001	00F7	1225	1227
@@E903	001	00F8	1227	1229
@@E905	001	00F9	1229	1231
@@E906	001	00FA	1231	1233
@@E910	001	00FB	1233	
@ALTFI	001	0001	2008	
@ARR	001	0008	0016	3753
@ASIGN	001	007C	0071	3413
@ASTER	001	005C	0069	
@BCRDL	001	0050	0088	
@BE	001	0081	0043	
@BF	001	0090	0052	
@BH	001	0084	0041	
@BKSPC	001	0010	2105	
@BL	001	0082	0042	
@BLANK	001	0040	0065	3758 3764
@BM	001	0082	0054	
@BNE	001	0001	0046	3749
@BNH	001	0004	0044	
@BNL	001	0002	0045	
@BNM	001	0002	0057	
@BNOL	001	0020	0050	
@BNOZ	001	0008	0049	
@BNP	001	0004	0056	
@BNZ	001	0001	0058	
@BOL	001	00A0	0048	
@BOZ	001	0088	0047	
@BP	001	0084	0053	
@BR	001	0001	0013	3366 3367* 3376 3377 3378 3379 3380 3381 3421 3427 3428 3437 3438 3439 3448 3452 3458 3462 3467 3478 3486 3498 3507 3511 3517 3518 3522 3527 3530 3537 3542 3546 3549 3563 3564 3572 3577 3584 3589 3597 3611 3617 3644 3645 3645 3646 3647 3647 3648 3648 3649 3649 3650 3650 3651 3652 3652 3653
@BT	001	0010	0051	
@BZ	001	0081	0055	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@BZ37B	001	00F2	2118	
@B1	001	0001	0063	
@CADDR	001	0002	0142	2914 2915 2916 3570 3571 3582 3583 3595 3596 3644 3655 3825 3826 3831 3832 3835 3836 3839 3840
@CARDL	001	0060	0087	0644
@CC37B	001	0000	2114	
@CD37B	001	00F0	2132	
@CHARA	001	00C1	0072	3407
@CHARF	001	00C6	0073	
@CHARR	001	00D9	0074	
@CHARZ	001	00E9	0075	3409
@CKY01	001	0001	2066	
@CKY02	001	0002	2067	
@CKY03	001	0003	2068	
@CKY04	001	0004	2069	
@CKY05	001	0005	2070	
@CKY06	001	0006	2071	
@CKY07	001	0007	2072	
@CKY08	001	0008	2073	
@CKY09	001	0009	2074	
@CKY10	001	000A	2075	
@CKY11	001	000B	2076	
@CKY12	001	000C	2077	
@CKY13	001	000D	2078	
@CKY14	001	000E	2079	
@CKY15	001	000F	2080	
@CKY16	001	0010	2081	
@CLOFF	001	0010	0094	
@CLON	001	0011	0093	
@CMLON	001	0001	2084	
@CMOFF	001	0000	2083	
@COMMA	001	006B	0066	3760
@CPLUS	001	004E	0079	
@CP37B	001	0004	2145	
@CRERR	001	0090	2100	
@CRPRY	001	0004	2104	
@CRTDS	001	0092	2097	
@CRTQ	001	0090	2099	
@CURSR	001	0040	2101	
@DADDR	001	0002	0140	
@DBFR1	001	0004	0129	3646 3650* 3653
@DBFR2	001	0005	0130	
@DBUSY	001	0002	2002	
@DCALK	001	0001	0081	
@DCBCY	001	0009	0115	2743 3890
@DCBT1	001	0050	0117	2746
@DCFLN	001	0004	1986	
@DCNT	001	0003	0128	3651 3651* 3652* 3653*
@DCRID	001	0001	2000	
@DCST1	001	0040	0116	2744
@DCTRL	001	0000	0125	
@DCTRW	001	0000	1999	
@DCWID	001	0001	1996	
@DCYL	001	0001	0126	
@DCYMV	001	0001	1987	
@DD2	001	0003	0030	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@DEFLG	001	0002	2009	
@DERCE	001	0020	2039	
@DERD2	001	0008	2031	
@DEREQ	001	0010	2030	
@DERIN	001	0040	2028	
@DERMA	001	0020	2029	
@DERNR	001	0004	2032	
@DERR	001	0000	2003	
@DERSC	001	0001	2034	
@DERTC	001	0002	2033	
@DFCR	001	0006	1989	
@DFDR	001	0004	1990	
@DGET	001	0001	0134	3876 3881 3889
@DHARD	001	0000	2017	
@DLNCT	001	000F	2103	
@DLNLG	001	0040	2102	
@DOLAR	001	005B	0068	3415
@DOP2	001	0004	0028	
@DPLNG	001	0006	0132	
@DPOS	001	0000	0133	
@DPUT	001	0002	0135	
@DREAD	001	0001	1993	
@DSAD	001	0002	0127	3644 3644* 3649*
@DSBCY	001	0004	0106	2681
@DSBSY	001	0092	2098	
@DSCS1	001	0000	0107	2682
@DSEEK	001	0000	1992	
@DSIVF	001	0003	0138	
@DSPIN	001	0002	0131	
@DTRSZ	001	0018	0085	
@DUNSF	001	0080	2035	
@DVBCY	001	0007	0108	2740
@DVERY	001	0003	1998	
@DVERFY	001	0031	0136	
@DVST1	001	0002	2004	
@DVST2	001	0003	2005	
@DWAIT	001	00FF	0137	
@DWBCY	001	0005	0103	2737
@DWBIT	001	0002	1994	
@DWSIZ	001	00C0	0105	
@DWTB1	001	0003	0104	2738
@DZERO	001	00F0	0064	
@D1	001	0002	0026	
@EOF	001	001C	0077	
@EOFTC	001	0075	0162	
@EOS	001	001E	0076	2753 3766
@ER37B	001	00F0	2119	
@FDDBC	001	0000	0195	
@FDE1	001	000C	0200	
@FDFNA	001	000B	0198	
@FDHLN	001	0002	0208	
@FDLNC	001	0002	0193	
@FDNSC	001	0003	0210	
@FDSD	001	0000	0206	
@FLACE	001	0009	0197	
@FLDBC	001	0001	0196	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@FLDIN	001	0012	2091	
@FLENT	001	0004	0201	
@FLFNA	001	0002	0199	
@FLHLN	001	0002	0209	
@FLLNC	001	0002	0194	
@FLNSC	001	0001	0211	
@FLSD	001	0001	0207	
@HDRLN	001	0007	0092	0672
@HSTAD	001	0009	2015	
@HSTEN	001	0007	2014	
@HSTPE	001	0006	2013	
@HSTQR	001	0001	2011	
@HSTSN	001	0005	2012	
@HSTVI	001	000F	2016	
@IAR	001	0010	0017	
@ID37B	001	0040	2155	
@INDEX	001	0001	0156	0157
@INST3	001	0003	0032	
@INST4	001	0004	0033	
@INST5	001	0005	0034	
@INST6	001	0006	0035	3376 3377 3378
@IP37B	001	00C0	2154	
@I1IAR	001	00C0	0020	
@KCMDK	001	0020	2065	
@KELOK	001	001B	2064	
@KENAB	001	001E	2062	
@KEXIT	001	001F	2063	
@KEYBD	001	0010	2082	
@KFUNK	001	0010	2085	
@KHARD	001	0011	2090	
@KLEAR	001	000D	2086	
@LINSZ	001	00F4	0084	0646
@LO37B	001	00F0	2123	
@MAPEN	001	0005	0089	
@MINCR	001	2000	0083	
@MINUS	001	0060	0080	
@NOP	001	0080	0040	
@NORFL	001	0000	2010	
@NTRDY	001	00A0	2147	
@NUMBR	001	007B	0070	3411
@OPD2	001	0004	0029	
@OP1	001	0003	0027	3753*
@OP2	001	0005	0031	3376* 3377* 3378*
@OVRUN	001	0004	2040	
@PBUSY	001	00E2	2052	
@PCAR	001	00E6	2049	
@PCNT	001	0003	1984	
@PCTRL	001	0000	0149	
@PCYL	001	0001	1982	
@PC37B	001	00F2	2139	
@PDAR	001	00E4	2048	
@PDATA	001	0003	0151	
@PD37B	001	0080	2153	
@PERR	001	00E0	2055	
@PFLAG	001	0000	1981	
@PFORM	001	00E1	2053	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@PGCSZ	001	0020	0082	0083
@PLITE	001	00E2	2054	
@PLNGH	001	0004	2045	
@PMGCK	001	0020	2056	
@PN37B	001	00F0	2138	
@PPLNG	001	0004	0148	
@PRCNT	001	0001	0150	
@PRETR	001	00C0	0154	
@PRINT	001	0040	0152	0154
@PRITY	001	0080	2089	
@PSAD	001	0002	1983	
@PSIOQ	001	00E0	2051	
@PSIOR	001	0000	2050	
@PSNSQ	001	00E2	2057	
@PSR	001	0004	0015	
@PWAIT	001	00FF	0158	
@P1IAR	001	0020	0018	
@P2IAR	001	0040	0019	
@Q	001	0001	0024	3568 3580 3593 3772
@RD37B	001	00F1	2133	
@REGL	001	0002	0012	
@RETRN	001	0080	0153	0154
@RLDWN	001	004F	0159	
@RTCNT	001	0003	2047	
@RTRNC	001	0080	0161	
@RT37B	001	0005	2146	
@SBLN	001	0005	0170	
@SBLNL	001	0002	0184	
@SCTSZ	001	0100	0100	
@SDFLN	001	0007	0090	
@SDF0	001	0000	0166	
@SDF1	001	0001	0167	
@SDF2	001	0002	0168	
@SDF3	001	0003	0169	
@SECCY	001	0030	0086	
@SIST	001	0001	0181	
@SKCTL	001	0000	1997	
@SLASH	001	0061	0067	
@SLAST	001	0002	0183	
@SMIDL	001	0003	0182	
@SNSB0	001	0000	2021	
@SNSB1	001	0001	2022	
@SNSB2	001	0002	2023	
@SNSB3	001	0003	2024	
@SNULL	001	0080	0173	
@SN37B	001	00F2	2127	
@SONLY	001	0000	0180	
@SPINA	001	00A0	2006	
@SPINB	001	00B0	2007	
@STEXT	001	0007	0172	
@STYPE	001	0006	0171	
@SYCNT	001	0002	2046	
@TBCNT	001	0000	0160	
@TBLEF	001	0010	0155	0157
@TBLIX	001	0011	0157	
@TJ37B	001	0040	2144	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
@TYPAM	001	0002	2088	
@TYPO	001	001C	2087	
@UCB	001	0087	0039	3750 3761
@UPARW	001	005A	0078	
@VADDR	001	0002	0141	2474 2910 2922 2923 2924 2924 2938 2941 2943 2967 2968 2969 3007 3010 3013 3016 3019 3022 3025 3034 3037 3040 3043 3046
@VENTA	001	0056	0113	2741 2996
@VMDDV	001	00FE	0114	
@VMFD1	001	0000	0109	
@VMFD2	001	0001	0110	
@VMRS3	001	0002	0112	
@VMTRL	001	0001	0111	
@VOLID	001	0006	0091	
@VQ	001	0001	0025	3567 3579 3592
@WA37B	001	00FF	2152	
@WSFIT	001	0500	0101	
@WSTBL	001	0503	0102	
@XR	001	0002	0014	3386* 3387 3397 3403 3407 3409 3411 3413 3415 3421* 3425 3432 3439* 3443 3448* 3449 3452* 3453 3456 3460 3467* 3475 3478* 3497 3503 3505 3507* 3512 3514 3518* 3519 3522* 3523 3525 3535 3537* 3538 3540 3542* 3543 3546* 3547 3549* 3550 3562 3562* 3564 3572* 3577 3584* 3589 3597* 3608 3611* 3612 3615 3617* 3618 3628 3754 3757 3757* 3758 3760 3763 3763* 3764 3766 3768
@ZERO	001	0000	0062	
@4K	001	0010	2106	
B\$ADMK	001	0001	2378	
B\$ADSW	001	159D	2377	
B\$ARMK	001	0001	2363	
B\$ARSW	001	0A45	2362	
B\$BABF	001	1D00	2168	
B\$BCKT	001	1590	2290	
B\$BDPL	001	19E8	2242	
B\$BDSA	001	19EA	2243	
B\$BINO	001	1A6A	2306	
B\$BRLN	001	19F1	2241	
B\$BROP	001	1AF7	2347	
B\$BRVA	001	19EF	2240	
B\$BRVP	001	19EE	2239	
B\$BTAB	001	1996	2238	
B\$CADR	001	1AF9	2348	
B\$CASA	001	0000	2183	
B\$CASC	001	0671	2187	
B\$CASM	001	0608	2185	
B\$CBAS	001	14BB	2313	
B\$CBFA	001	0CBC	2268	
B\$CCGT	001	0600	2193	
B\$CCLS	001	0695	2199	
B\$CCON	001	001F	2266	
B\$CDAT	001	0600	2179	
B\$CDEF	001	0600	2180	
B\$CDIM	001	0673	2181	
B\$CDUM	001	0000	2217	
B\$CEND	001	0600	2215	2216
B\$CEOF	001	0600	2216	
B\$CFOR	001	0600	2188	
B\$CGET	001	06A3	2196	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B\$CGSB	001	0690	2194	
B\$CGTO	001	06B3	2192	
B\$CIFA	001	0600	2190	
B\$CIFC	001	0600	2191	
B\$CIMG	001	0600	2205	
B\$CINP	001	0600	2200	
B\$CLTA	001	0000	2182	
B\$CLTC	001	0669	2186	
B\$CLTM	001	0600	2184	
B\$CMAT	001	0600	2206	
B\$CMGT	001	0665	2207	
B\$CMIN	001	06D3	2208	
B\$CMPR	001	069B	2211	
B\$CMPT	001	069B	2210	
B\$CMPU	001	0600	2212	
B\$CMRD	001	06D0	2209	
B\$CNXT	001	0600	2189	
B\$CPCT	001	0CA8	2271	
B\$CPRT	001	0600	2203	
B\$CPRU	001	0600	2204	
B\$CPSE	001	06E7	2213	
B\$CPUT	001	0600	2197	
B\$CPWA	001	0CA6	2342	
B\$CRAD	001	150D	2312	
B\$CRBS	001	1509	2314	
B\$CREA	001	06CF	2201	
B\$CREM	001	0000	2178	
B\$CRMK	001	0001	2390	
B\$CRSR	001	06E3	2202	
B\$CRST	001	06A6	2198	
B\$CRSW	001	0E42	2389	
B\$CRTN	001	06CF	2195	
B\$CSBF	001	0600	2165	2179 2180 2181 2184 2185 2186 2187 2188 2189 2190 2191 2192 2193 2194 2195 2196 2197 2198 2199 2200 2201 2202 2203 2204 2205 2206 2207 2208 2209 2210 2211 2212 2213 2214 2215 2218 2219 2220 2221 2222
B\$CSCN	001	14B0	2287	
B\$CSMK	001	0007	2393	
B\$CSSW	001	14BC	2392	
B\$CSTP	001	06D6	2214	
B\$CSTR	001	14CC	2311	
B\$CSXA	001	2000	2171	
B\$CTYP	001	0A5F	2265	
B\$CVPD	001	0C5D	2270	
B\$CVPG	001	0CA5	2269	
B\$CWRK	001	F500	2339	
B\$DIST	001	0700	2231	
B\$DLNK	001	1B37	2337	
B\$DL4T	001	1A6B	2308	
B\$DPWA	001	0E46	2343	
B\$DST2	001	073A	2232	
B\$ERMK	001	0007	2366	
B\$ERSW	001	0993	2365	
B\$FACA	001	0E53	2274	
B\$FAIS	001	15AC	2291	
B\$FAIW	001	15A0	2292	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B\$FCON	001	0A46	2264	
B\$FORT	001	1B0E	2333	
B\$FPWA	001	15AC	2344	
B\$FRMK	001	0007	2384	
B\$FRSW	001	16CC	2383	
B\$FSC1	001	0E4C	2275	
B\$FSC2	001	0E4D	2276	
B\$FSMK	001	0007	2375	
B\$FSSW	001	0E5C	2374	
B\$FSVA	001	0E4F	2277	
B\$FTND	001	1B0B	2335	
B\$FTPT	001	1B0D	2334	
B\$FVME	001	15A2	2296	
B\$FVMP	001	15A4	2297	
B\$FVMS	001	15A6	2298	
B\$FVPE	001	15A8	2293	
B\$FVPP	001	15AA	2294	
B\$FVPS	001	15AC	2295	
B\$GBSW	001	08AF	2368	
B\$GBWK	001	0001	2369	
B\$GETC	001	0867	2245	
B\$GPTR	001	0878	2247	
B\$GTBF	001	1E00	2169	
B\$IFMK	001	0007	2387	
B\$IFSW	001	16E5	2386	
B\$INVT	001	1B38	2327	
B\$KWMK	001	0001	2381	
B\$KWSW	001	159E	2380	
B\$LBAS	001	185E	2318	
B\$LBSV	001	18E7	2316	
B\$LDRP	001	1A00	2166	
B\$LINE	001	07D0	2233	
B\$LIST	001	1853	2300	
B\$LRTN	001	18EB	2317	
B\$LSTR	001	1862	2315	
B\$LTYP	001	18F2	2301	
B\$MATR	001	18F3	2303	
B\$MBMK	001	0007	2402	
B\$MBSW	001	1903	2401	
B\$MFBK	001	1B8F	2329	
B\$MGMK	001	0007	2399	
B\$MGSW	001	18FF	2398	
B\$MPMK	001	0007	2405	
B\$MPSW	001	1981	2404	
B\$MRMK	001	0007	2396	
B\$MRSW	001	0DDE	2395	
B\$NUMC	001	0873	2246	
B\$NXMK	001	0007	2372	
B\$NXSW	001	071D	2371	
B\$PARP	001	0A41	2254	
B\$PBNL	001	0A01	2260	
B\$PCAD	001	0A40	2255	
B\$PCDL	001	09D3	2259	
B\$PCPG	001	0A35	2258	
B\$PECT	001	0A44	2262	
B\$PERC	001	0A39	2261	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B\$PFAE	001	0033	2252	
B\$PFCL	001	009D	2253	
B\$PFNC	001	094E	2250	
B\$PFWP	001	0015	2251	
B\$PNBY	001	0A41	2256	
B\$PPWA	001	0A35	2341	
B\$PRM1	001	1AF3	2345	
B\$PTBF	001	1F00	2170	
B\$PUTC	001	093A	2249	
B\$PVAD	001	0A43	2257	
B\$RMRK	001	1AE6	2310	
B\$RTRN	001	1AF5	2346	
B\$SABF	001	1C00	2167	
B\$SCAN	001	1514	2289	
B\$SCAT	001	13C8	2284	
B\$SCON	001	001B	2267	
B\$SCVT	001	12E0	2282	
B\$SDPL	001	07DA	2235	
B\$SFAB	001	0E48	2279	
B\$SFNT	001	143C	2285	
B\$SLDT	001	109C	2281	
B\$SLVT	001	1062	2280	
B\$SNAT	001	131A	2283	
B\$SPAT	001	07E0	2236	
B\$SSTA	001	1BAC	2331	
B\$STAS	001	061B	2220	
B\$STIF	001	0606	2222	
B\$STMA	001	061B	2221	
B\$STML	001	0600	2219	
B\$STRL	001	0600	2218	
B\$SVRB	001	0E46	2278	
B\$SYMB	001	0DBC	2273	
B\$TCD2	001	0001	2351	
B\$TLTH	001	0002	2352	2353
B\$TOD1	001	0000	2350	
B\$TOTB	001	1AF8	2353	
B\$TTAB	001	1AFA	2349	2353
B\$TYPE	001	0739	2234	
B\$WORK	001	15A0	2338	
B\$ZDBN	001	19F2	2305	
B@ABAS	001	0007	2938	
B@ACD1	001	0001	2935	2936
B@ACD2	001	0003	2936	2937
B@AFLG	001	0000	2930	
B@ALLA	001	005C	2755	
B@AMAX	001	0005	2937	2938
B@BLNK	001	0040	2764	3387
B@BLSZ	001	0100	2889	3028 3031 3034 3049 3052
B@BREQ	001	0084	2544	
B@BRHI	001	0088	2545	
B@BRLO	001	0082	2543	
B@BRNE	001	0094	2547	
B@BRNH	001	0098	2548	
B@BRNL	001	0092	2546	
B@CADD	001	0006	2413	
B@CADF	001	0058	2454	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@CBAS	001	0003	2941	
B@CBNX	001	004A	2447	
B@CBRA	001	0046	2445	
B@CBRC	001	0044	2444	
B@CBRD	001	0048	2446	
B@CBRS	001	004C	2448	
B@CCLS	001	005E	2457	
B@CCMC	001	0042	2443	
B@CCMF	001	0040	2442	
B@CCNT	001	001F	2867	
B@CCSA	001	003E	2441	
B@CDCA	001	006A	2463	
B@CDDL	001	006C	2464	
B@CDIV	001	000C	2416	
B@CDMN	001	0001	2940	2941
B@CDWA	001	006E	2465	
B@CEOF	001	0070	2466	
B@CEOP	001	0068	2462	
B@CFCI	001	0016	2421	
B@CFN0	001	0012	2419	
B@CFN1	001	0014	2420	
B@CFOR	001	004E	2449	
B@CGET	001	0052	2451	
B@CHAR	001	0000	2880	
B@CHLT	001	0004	2412	
B@CIEX	001	00C5	2840	
B@CIMH	001	0066	2461	
B@CINI	001	0056	2453	
B@CIPI	001	00D7	2843	
B@CIS2	001	00E2	2846	
B@CMF1	001	0018	2422	
B@CMF2	001	001A	2423	
B@CMF3	001	001C	2424	
B@CMA	001	006B	2775	3460
B@CMPY	001	000A	2415	
B@CMSM	001	001E	2425	
B@CNEG	001	0010	2418	
B@CNXT	001	0050	2450	
B@COLN	001	007A	2777	
B@CPMK	001	00FF	2685	2689 2693 2694 2728
B@CPRS	001	0060	2458	
B@CPRU	001	0062	2459	
B@CPUT	001	0054	2452	
B@CPWR	001	000E	2417	
B@CRSR	001	005A	2455	
B@CRST	001	005C	2456	
B@CSA1	001	0036	2437	
B@CSA2	001	0038	2438	
B@CSB1	001	003A	2439	
B@CSC1	001	002A	2431	
B@CSD0	001	002E	2433	
B@CSD1	001	0030	2434	
B@CSD2	001	0032	2435	
B@CSF1	001	0022	2427	
B@CSF2	001	0024	2428	
B@CSTA	001	0034	2436	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@CSTC	001	0028	2430	
B@CSTF	001	0020	2426	
B@CSTH	001	0064	2460	
B@CSTX	001	003C	2440	
B@CSUB	001	0008	2414	
B@CSVC	001	0002	2411	
B@CTYP	001	0020	2865	
B@CUSC	001	002C	2432	
B@CUSF	001	0026	2429	
B@CVAR	001	005B	2754	3432
B@DAMK	001	0080	2933	
B@DASA	001	00FF	2694	
B@DASC	001	0040	2698	
B@DASM	001	0038	2696	
B@DCGT	001	0050	2704	
B@DCLS	001	0054	2710	
B@DDAT	001	0024	2690	
B@DDEF	001	0034	2691	
B@DDIM	001	0004	2692	
B@DDUM	001	00FF	2728	
B@DEC0	001	00F0	2823	3425 3449 3453 3512 3519 3523 3543 3547 3550
B@DEC1	001	00F1	2824	
B@DEC2	001	00F2	2825	
B@DEC3	001	00F3	2826	
B@DEC4	001	00F4	2827	
B@DEC5	001	00F5	2828	
B@DEC6	001	00F6	2829	
B@DEC7	001	00F7	2830	
B@DEC8	001	00F8	2831	
B@DEC9	001	00F9	2832	
B@DEND	001	0058	2726	2727
B@DEOF	001	0058	2727	
B@DFOR	001	0028	2699	
B@DGGET	001	0040	2707	
B@DGSB	001	0020	2705	
B@DGTO	001	0044	2703	
B@DIFA	001	0048	2701	
B@DIFC	001	004C	2702	
B@DIGS	001	007B	2757	
B@DIMG	001	003C	2716	
B@DINP	001	0000	2711	
B@DIVD	001	0061	2774	
B@DLTA	001	00FF	2693	
B@DLTC	001	0040	2697	
B@DLTM	001	0038	2695	
B@DL01	001	0001	3008	3011
B@DL02	001	0003	3011	3014
B@DL03	001	0005	3014	3017
B@DL04	001	0007	3017	3020
B@DL05	001	0009	3020	3023
B@DL06	001	000B	3023	3026 3965
B@DL07	001	0045	3026	3029 3966
B@DL08	001	0145	3029	3032
B@DL09	001	0245	3032	3035
B@DL10	001	0289	3035	3038 3967
B@DL11	001	02C3	3038	3041 3968

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@DL12	001	02FD	3041	3044 3969
B@DL13	001	0337	3044	3047
B@DL14	001	0371	3047	3050
B@DL15	001	0471	3050	3053
B@DL16	001	0507	3053	3826
B@DMAT	001	0008	2717	
B@DMGT	001	0044	2718	
B@DMIN	001	0038	2719	
B@DMPR	001	0048	2722	
B@DMPT	001	004C	2721	
B@DMPU	001	0054	2723	
B@DMRD	001	003C	2720	
B@DNXT	001	0044	2700	
B@DPNT	001	004B	2765	3514 3525
B@DPRT	001	002C	2714	
B@DPRU	001	0030	2715	
B@DPSE	001	0050	2724	
B@DPUT	001	0040	2708	
B@DREA	001	000C	2712	
B@DREM	001	00FF	2689	
B@DRSR	001	005C	2713	
B@DRST	001	0050	2709	
B@DRTN	001	005C	2706	
B@DSCY	001	0004	2681	
B@DSIF	001	001C	2730	
B@DSLT	001	0010	2729	
B@DSML	001	0010	2731	
B@DSNS	001	0018	2683	
B@DSS1	001	0000	2682	
B@DSTP	001	0054	2725	
B@DTBN	001	0010	2747	
B@DTB1	001	0050	2746	
B@DTCY	001	0009	2743	
B@DTSN	001	0010	2745	
B@DTS1	001	0040	2744	
B@DTYP	001	0040	2859	
B@DVCY	001	0007	2740	
B@DVC1	001	0056	2741	
B@DWCY	001	0005	2737	
B@DWT1	001	0003	2738	
B@D1MK	001	0080	2931	
B@D2MK	001	00C0	2932	
B@EOST	001	001E	2753	3397 3612 3628
B@EQUL	001	007E	2779	3475
B@EXPC	001	00C5	2756	3535
B@FOFL	001	005C	2758	
B@FVAD	001	0001	2943	
B@GETC	001	0001	2882	
B@GETE	001	00FF	2883	
B@GETS	001	0000	2881	
B@GRTR	001	006E	2776	
B@ICON	001	0050	2838	3497
B@LADD	001	0001	2482	
B@LADF	001	0002	2523	
B@LADV	001	0008	2967	2988
B@LBIN	001	0002	2892	2893 2899

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@LBNX	001	0003	2516	
B@LBRA	001	0003	2514	
B@LBRC	001	0004	2513	
B@LBRD	001	0003	2515	
B@LBRS	001	0001	2517	
B@LCCA	001	0004	2923	
B@LCCC	001	0001	2475	2513
B@LCDV	001	0004	2968	2989
B@LCER	001	0001	2473	2537
B@LCFN	001	0004	2924	
B@LCLN	001	0002	2478	2529 2530 2537
B@LCLS	001	0001	2526	
B@LCMC	001	0001	2512	
B@LCMF	001	0001	2511	
B@LCNA	001	0006	2922	
B@LCNN	001	0001	2476	2501 2510 2522 2534
B@LCOP	001	0001	2472	2480 2481 2482 2483 2484 2485 2486 2487 2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2498 2499 2500 2501 2502 2503 2504 2505 2506 2507 2508 2509 2510 2511 2512 2513 2514 2515 2516 2517 2518 2519 2520 2521 2522 2523 2524 2525 2526 2527 2528 2529 2530 2531 2532 2533 2534 2535
B@LCRV	001	0013	2966	2986
B@LCSA	001	0002	2510	
B@LCVA	001	0002	2474	2488 2489 2490 2491 2492 2493 2494 2495 2496 2497 2499 2500 2502 2503 2504 2505 2506 2507 2508 2513 2514 2515 2516 2518 2519 2520 2532 2533
B@LCXX	001	0001	2477	2509 2521 2523 2527 2528
B@LDAT	001	0004	2636	
B@LDCA	001	0003	2532	
B@LDDL	001	0003	2533	
B@LDDM	001	0004	2896	
B@LDEF	001	0003	2637	
B@LDIM	001	0003	2638	
B@LDIN	001	0004	2895	2896 2897
B@LDIV	001	0001	2485	
B@LDMN	001	0002	2893	2922 2923 2935 2936 2937 2940 2967 2968
B@LDSN	001	0004	2897	
B@LDWA	001	0002	2534	
B@LELP	001	0010	2965	3380
B@LEND	001	0003	2665	
B@LEOF	001	0001	2535	
B@LEOP	001	0001	2531	
B@LERC	001	0003	2537	
B@LESP	001	0008	2964	3924
B@LESS	001	004C	2766	
B@LET\$	001	005B	2786	
B@LET#	001	007B	2787	
B@LET@	001	007C	2788	
B@LETA	001	00C1	2790	
B@LETB	001	00C2	2792	
B@LETC	001	00C3	2793	
B@LETD	001	00C4	2794	
B@LETE	001	00C5	2795	
B@LETF	001	00C6	2796	
B@LETG	001	00C7	2797	
B@LETH	001	00C8	2798	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@LETI	001	00C9	2799	
B@LETJ	001	00D1	2800	
B@LETK	001	00D2	2801	
B@LETL	001	00D3	2802	
B@LETM	001	00D4	2803	
B@LETN	001	00D5	2804	
B@LETO	001	00D6	2805	
B@LETP	001	00D7	2806	
B@LETQ	001	00D8	2807	
B@LETR	001	00D9	2808	
B@LETS	001	00E2	2809	
B@LETT	001	00E3	2810	
B@LETU	001	00E4	2811	
B@LETV	001	00E5	2812	
B@LETW	001	00E6	2813	
B@LETX	001	00E7	2814	
B@LETY	001	00E8	2815	
B@LETZ	001	00E9	2816	
B@LEXP	001	0008	2855	
B@LFCI	001	0003	2490	
B@LFNA	001	0002	2969	2990
B@LFN0	001	0003	2488	
B@LFN1	001	0003	2489	
B@LFOR	001	0003	2518	
B@LFRT	001	0004	2910	2911
B@LGET	001	0003	2520	
B@LGSB	001	0005	2644	
B@LGTO	001	0004	2643	
B@LHLT	001	0001	2481	
B@LIEX	001	0002	2841	3577
B@LIFN	001	0003	2904	
B@LILP	001	0009	2963	2981 2982 2983 3379 3830 3834 3838 3858 3860 3862
B@LIMG	001	0001	2655	
B@LIMH	001	0003	2530	
B@LINI	001	0002	2522	
B@LINP	001	0005	2650	
B@LIP1	001	0003	2844	3564
B@LISP	001	0005	2962	2970 2976 2977 2978 3569 3581 3594 3850 3852 3854 3921
B@LIS2	001	0005	2847	3589
B@LIVT	001	0001	2920	
B@LKCL	001	0005	2649	
B@LKFR	001	0003	2640	
B@LKGT	001	0003	2646	
B@LKIF	001	0002	2642	
B@LKON	001	0002	2675	
B@LKPT	001	0003	2647	
B@LKPU	001	000A	2654	
B@LKRR	001	0007	2652	
B@LKRT	001	0005	2648	
B@LKTO	001	0002	2669	
B@LLET	001	0003	2639	
B@LL01	001	0002	3007	3008
B@LL02	001	0002	3010	3011
B@LL03	001	0002	3013	3014
B@LL04	001	0002	3016	3017
B@LL05	001	0002	3019	3020

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@LL06	001	0002	3022	3023
B@LL07	001	003A	3025	3026
B@LL08	001	0100	3028	3029
B@LL09	001	0100	3031	3032
B@LL10	001	0044	3034	3035
B@LL11	001	003A	3037	3038
B@LL12	001	003A	3040	3041
B@LL13	001	003A	3043	3044
B@LL14	001	003A	3046	3047
B@LL15	001	0100	3049	3050
B@LL16	001	0096	3052	3053
B@LMAT	001	0003	2656	
B@LMF1	001	0003	2491	
B@LMF2	001	0003	2492	
B@LMF3	001	0003	2493	
B@LMGT	001	0006	2657	
B@LMIN	001	0008	2658	
B@LMPR	001	0008	2661	
B@LMPT	001	0006	2660	
B@LMPU	001	000D	2662	
B@LMPY	001	0001	2484	
B@LMRD	001	0007	2659	
B@LMSM	001	0003	2494	
B@LNEG	001	0001	2487	
B@LNEX	001	0004	2641	
B@LNXT	001	0003	2519	
B@LPAR	001	004D	2767	3443
B@LPRS	001	0002	2527	
B@LPRT	001	0005	2653	
B@LPRU	001	0002	2528	
B@LPSE	001	0005	2663	
B@LPUT	001	0002	2521	
B@LPWR	001	0001	2486	
B@LREA	001	0004	2651	
B@LREM	001	0003	2635	
B@LRSR	001	0001	2524	
B@LRST	001	0001	2525	
B@LRTN	001	0006	2645	
B@LSA1	001	0003	2506	
B@LSA2	001	0003	2507	
B@LSB1	001	0003	2508	
B@LSC1	001	0003	2500	
B@LSDF	001	0004	2890	
B@LSD0	001	0003	2502	
B@LSD1	001	0003	2503	
B@LSD2	001	0003	2504	
B@LSF1	001	0003	2496	
B@LSF2	001	0003	2497	
B@LSKW	001	0002	2906	
B@LSNO	001	0002	2899	
B@LSPT	001	0003	2914	2917
B@LSTA	001	0003	2505	
B@LSTC	001	0003	2499	
B@LSTE	001	0004	2670	
B@LSTF	001	0003	2495	
B@LSTH	001	0003	2529	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@LSTP	001	0004	2664	
B@LSTX	001	0002	2509	
B@LSUB	001	0001	2483	
B@LSVC	001	0001	2480	
B@LTHN	001	0004	2671	
B@LTYP	001	0001	2900	
B@LUFN	001	0002	2907	
B@LUSC	001	0002	2501	
B@LUSF	001	0001	2498	
B@LVPG	001	0100	2994	2997
B@MINS	001	0060	2773	3505 3540
B@MULT	001	005C	2770	
B@NAAR	001	001D	2958	2988 3040
B@NCAR	001	001D	2959	2989 3043
B@NCRV	001	001D	2957	2986 3037
B@NDGT	001	000A	2950	2956
B@NEQL	001	007F	2780	
B@NFRT	001	000A	2909	2911
B@NICN	001	0006	2952	2954
B@NIEL	001	0007	2954	2970 2976 2981
B@NIFN	001	0018	2903	
B@NIVR	001	0001	2953	2954
B@NIVT	001	0057	2919	
B@NLDV	001	0122	2956	2978 2983 3034
B@NLRV	001	001D	2955	2977 2982 3025
B@NLTR	001	001D	2949	2955 2956 2957 2958 2959 2960
B@NSKW	001	0004	2905	
B@NSPT	001	0028	2913	
B@NUFN	001	001D	2960	2990 3046
B@NVPG	001	0100	2993	2997
B@NXHI	001	00E3	2874	
B@NXLO	001	001E	2873	
B@NXZR	001	0080	2872	2873 2874
B@PLUS	001	004E	2768	3503 3538
B@POWR	001	005A	2769	
B@PREC	001	0020	2861	3381
B@PROD	001	0023	2970	
B@PRPL	001	0002	2557	
B@PRPN	001	0001	2556	
B@PRPR	001	0004	2559	
B@PRPS	001	0003	2558	
B@PRRC	001	0007	2562	
B@PRRL	001	0008	2563	
B@PRSL	001	0005	2560	
B@PRSS	001	0006	2561	
B@PTAB	001	0000	2915	
B@PTAD	001	0001	2916	
B@PTSA	001	0002	2917	
B@PUD1	001	0006	2573	
B@PUD2	001	0007	2574	
B@PUI0	001	0001	2567	
B@PUI1	001	0004	2568	
B@PUI2	001	0005	2569	
B@PUNL	001	0002	2571	
B@PUNS	001	0003	2572	
B@PURE	001	0020	2577	

CROSS REFERENCE

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@PUTM	001	0010	2576	
B@RPAR	001	005D	2771	3456
B@SADV	001	00E8	2988	2991
B@SAVL	001	0B76	2984	3001
B@SAVS	001	065E	2979	3000
B@SCDV	001	0074	2989	2991
B@SCLN	001	005E	2772	
B@SCRV	001	0227	2986	3000 3001
B@SDMK	001	0080	2901	
B@SEXP	001	0004	2854	
B@SFAT	001	0196	2991	3000 3001 3052
B@SFNA	001	003A	2990	2991
B@SFRT	001	0028	2911	
B@SIEL	001	003F	2981	2984
B@SIES	001	0023	2976	2979
B@SIGN	001	0010	2863	
B@SLDL	001	0A32	2983	2984
B@SLDS	001	05AA	2978	2979
B@SLVL	001	0105	2982	2984
B@SLVS	001	0091	2977	2979
B@SQUO	001	007D	2778	3608 3615 3618
B@STAT	001	0000	2853	
B@TASA	001	0012	2588	
B@TASC	001	001E	2594	
B@TASM	001	0018	2590	
B@TASS	001	007B	2595	
B@TCGT	001	0030	2603	
B@TCLS	001	0042	2609	
B@TDAT	001	0006	2584	
B@TDEF	001	0009	2585	
B@TDIM	001	000C	2586	
B@TDUM	001	0078	2627	
B@TEND	001	0072	2625	
B@TEOF	001	0075	2626	
B@TFOR	001	0021	2597	
B@TGET	001	0039	2606	
B@TGSB	001	0033	2604	
B@TGTO	001	002D	2602	
B@TIFA	001	0027	2599	
B@TIFC	001	002A	2600	
B@TIFS	001	007D	2601	
B@TIMG	001	0054	2615	
B@TINP	001	0045	2610	
B@TLTA	001	000F	2587	
B@TLTC	001	001B	2591	
B@TLTM	001	0015	2589	
B@TLTS	001	0079	2592	
B@TMAS	001	007C	2596	
B@TMAT	001	0057	2616	
B@TMGT	001	005A	2617	
B@TMIN	001	005D	2618	
B@TMLS	001	007A	2593	
B@TMPR	001	0066	2621	
B@TMPT	001	0063	2620	
B@TMPU	001	0069	2622	
B@TMRD	001	0060	2619	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
B@TNXT	001	0024	2598	
B@TPRT	001	004E	2613	
B@TPRU	001	0051	2614	
B@TPSE	001	006C	2623	
B@TPUT	001	003C	2607	
B@TRAC	001	0080	2857	
B@TREA	001	0048	2611	
B@TREM	001	0003	2583	
B@TRSR	001	004B	2612	
B@TRST	001	003F	2608	
B@TRTN	001	0036	2605	
B@TSTP	001	006F	2624	
B@VMC1	001	0056	2996	
B@VMLB	001	F0CD	3001	
B@VMSB	001	F5E5	3000	
B@VMSZ	001	0000	2997	2999 3000 3001
B@VMTB	001	0000	2999	
B@ZNEG	001	00D0	2870	
B@ZPOS	001	00F0	2869	
I\$ADJX	001	0D56	3130	
I\$ADST	001	0C9D	3085	
I\$BASE	001	0C60	3087	
I\$BRCN	001	117B	3139	
I\$BSET	001	119D	3138	
I\$B1SW	001	0040	3195	
I\$B2SW	001	0020	3197	
I\$CADR	001	144C	3176	
I\$CALL	001	12B1	3170	
I\$CBM1	001	0D43	3106	
I\$CBN1	001	0D3E	3102	
I\$CBN2	001	0D3F	3103	
I\$CBN3	001	0D40	3104	
I\$CBN4	001	0D41	3105	
I\$CFBS	001	0AE3	3153	
I\$CLFA	001	0D4A	3112	
I\$CLVA	001	0D49	3111	
I\$CL1C	001	0D46	3109	
I\$CL1F	001	0D44	3107	
I\$CL2C	001	0D47	3110	
I\$CL2F	001	0D45	3108	
I\$CPG1	001	1600	3067	
I\$CPUF	001	0A27	3149	
I\$CSCT	001	0D5A	3125	
I\$CSSW	001	0010	3199	
I\$CSXA	001	2000	3066	
I\$CUPF	001	0A85	3151	
I\$CVAD	001	1358	3164	
I\$DATA	001	0D53	3093	
I\$DAT1	001	0D55	3094	
I\$DMSW	001	0BC1	3147	
I\$ECSW	001	0004	3203	
I\$ERRC	001	0CBC	3092	
I\$FACT	001	0DD1	3132	
I\$FADD	001	075D	3155	
I\$FATE	001	0DE6	3133	
I\$FATP	001	0DE8	3134	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
I\$FDVD	001	0919	3160	
I\$FMPY	001	082A	3158	
I\$FSUB	001	0751	3156	
I\$FWRK	001	0607	3076	
I\$IMC1	001	0DCE	3123	
I\$IMLN	001	0DC6	3119	
I\$IMPT	001	0DCC	3122	
I\$INDR	001	0DC5	3118	
I\$INIT	001	0607	3075	
I\$INTR	001	0C5C	3079	
I\$IRSW	001	0CDE	3099	
I\$I700	001	0E24	3161	
I\$LBFR	001	12B6	3171	
I\$LDBR	001	1329	3168	
I\$LDXR	001	1330	3169	
I\$LOCK	001	1354	3166	
I\$MDFY	001	1349	3165	
I\$MOD4	001	130B	3162	
I\$NCPG	001	000A	3187	
I\$NDSW	001	0002	3205	
I\$NISW	001	0080	3193	
I\$NPAG	001	0C68	3080	
I\$PARM	001	0D57	3095	
I\$PGDS	001	144A	3174	
I\$PGNO	001	1449	3173	
I\$PGTB	001	14CA	3177	
I\$PLRT	001	15E2	3178	
I\$PSTK	001	15CA	3179	
I\$PUB1	001	0DC8	3120	
I\$PUB2	001	0DCA	3121	
I\$RESW	001	0CE9	3100	
I\$RNMK	001	0001	3115	
I\$RNSW	001	0D5C	3114	
I\$RTRN	001	12D3	3172	3825
I\$SDCT	001	0D59	3127	
I\$SDPT	001	0DD0	3124	
I\$SFCT	001	0D5A	3128	
I\$SFFO	001	0D5D	3136	
I\$SICT	001	0D5B	3129	
I\$SLLC	001	0BA1	3143	
I\$SLNG	001	0BA2	3142	
I\$SNSW	001	0001	3207	
I\$SSCT	001	0D58	3126	
I\$STAK	001	0D4E	3088	
I\$STCK	001	0B50	3141	
I\$STHA	001	0D51	3098	
I\$STKB	001	0639	3077	
I\$STKI	001	0D4F	3089	
I\$STSW	001	0008	3201	
I\$TFSW	001	0D28	3101	
I\$ULNG	001	0C3A	3146	
I\$UNLK	001	1350	3167	
I\$USTK	001	0BB0	3145	
I\$VADR	001	144A	3175	
I\$WRK1	001	0D59	3096	
I\$WRK2	001	0D5B	3097	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
I\$XAD1	001	0C89	3084	
I\$XAD2	001	0C82	3083	
I\$XAD3	001	0C7B	3082	
I\$XAD4	001	0C74	3081	
I\$XERR	001	0CAB	3086	
I\$XIAR	001	0D4C	3091	
I\$XPAG	001	0C61	3090	
KSEAAC	002	112B	3826	
KSEATB	001	11A7	3939	
KSEATI	002	1187	3906	
KSECAT	001	09FE	3969	
KSECBA	001	119E	3954	
KSECBB	001	119F	3955	
KSECBC	001	11A0	3956	
KSECBD	001	11A1	3957	
KSECBE	001	11A2	3958	
KSECBF	001	11A3	3959	
KSECBG	001	11A4	3960	
KSECBS	001	1193	3928	3929
KSECB0	001	1194	3944	3381*
KSECB1	001	1195	3945	
KSECB2	001	1196	3946	
KSECB3	001	1197	3947	
KSECB4	001	1198	3948	3570 3582 3595
KSECB5	001	1199	3949	
KSECB6	001	119A	3950	
KSECB7	001	119B	3951	
KSECB8	001	119C	3952	3831 3835 3839
KSECB9	001	119D	3953	
KSECDB	001	1194	3934	3944 3945 3946 3947 3948 3949 3950 3951 3952 3953 3954 3955 3956 3957 3958 3959 3960 3961
KSECES	005	1150	3854	3583
KSECFL	009	116B	3862	3836
KSECHR	001	11A6	3961	
KSECNT	002	118F	3916	3645* 3646* 3647 3647* 3648 3648* 3649
KSECPI	002	113C	3844	3564
KSECRS	001	117E	3899	3427* 3437* 3486 3498*
KSECVT	001	098A	3967	
KSEDGT	002	1189	3909	
KSEDPL	001	116C	3867	3644* 3649* 3650* 3651* 3652* 3653* 3875
KSEDPS	001	1181	3902	3511* 3517* 3527 3530*
KSEELL	001	1190	3919	3379* 3920
KSEEND	001	1191	3922	3380* 3923
KSEEQU	001	1120	3801	3366 3367
KSEEXP	001	1183	3904	
KSEE00	001	0000	3807	
KSEICE	001	113D	3845	3577
KSEICS	001	1180	3901	3563*
KSEI00	002	1121	3821	
KSEI01	002	1123	3822	3421 3439 3448 3452 3467 3478 3507 3518 3522 3537 3542 3546 3549 3584 3611 3617
KSEI02	002	1125	3823	3572
KSEI04	002	1127	3824	3597
KSELAC	001	0002	3810	
KSELDT	001	0746	3966	
KSELD4	001	0004	3813	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
KSELSA	001	1182	3903	
KSELVT	001	070C	3965	
KSEMC1	002	1130	3832	3376
KSEMC2	002	1135	3836	3377
KSEMC3	002	113A	3840	3378
KSEMFS	001	1192	3925	3926
KSENAT	001	09C4	3968	
KSEOFF	001	0000	3805	3427 3428 3498 3511
KSEONN	001	0001	3808	3437 3438 3458 3462 3486 3517 3527 3530 3563
KSEOVR	001	1172	3880	3655
KSEPD0	001	0000	3806	3387 3407 3409 3411 3413 3415 3425 3432 3443 3449 3453 3456 3460 3475 3497 3503 3505 3512 3514 3519 3523 3525 3535 3538 3540 3543 3547 3550 3577 3608 3612 3615 3618 3628
KSEPD1	001	0001	3809	3564
KSEPD2	001	0002	3811	
KSEPD3	001	0003	3812	3589
KSEPGB	001	00FF	3816	
KSEPIL	009	1162	3860	3832
KSEPIS	005	114B	3852	3571
KSERTN	002	1129	3825	3645 3650 3652
KSESC1	002	118B	3912	
KSESC2	002	118D	3913	
KSESQR	004	1141	3846	3589
KSESTS	001	117F	3900	3428* 3438* 3458 3462*
KSES2L	009	1159	3858	3840
KSES2S	005	1146	3850	3596
KSETBL	001	1178	3888	3639
KSETIN	001	0700	3817	3826 3893 3965 3966 3967 3968 3969
KSETIT	001	0E07	3365	
KSETLG	001	0006	3814	3892
KSETVA	001	0041	3815	3891
KSEVAD	002	1185	3905	3403*
KSE005	004	0E0B	3371	
KSE007	005	0E12	3376	
KSE010	004	0E2A	3386	3372
KSE015	004	0E39	3393	
KSE020	004	0E48	3403	
KSE025	003	0E4C	3407	
KSE030	003	0E58	3411	3408
KSE035	003	0E6F	3421	3410 3412 3414
KSE040	003	0E72	3425	
KSE045	003	0E7E	3432	
KSE050	003	0E84	3437	
KSE060	003	0E8D	3443	3433
KSE065	003	0E93	3448	3463
KSE070	003	0EA1	3452	3454
KSE072	003	0EAB	3456	
KSE074	003	0EB1	3458	
KSE076	003	0EB8	3460	
KSE078	003	0EC6	3467	3426 3457
KSE080	004	0EC9	3471	3444
KSE085	003	0ECD	3475	
KSE090	004	0EDB	3482	
KSE092	003	0EDF	3486	
KSE094	003	0EE5	3497	
KSE096	003	0EEE	3503	

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SYMBOL	LEN	VALUE	DEFN	REFERENCES
KSE098	003	0EFA	3507	3504
KSE100	003	0EFD	3511	3506
KSE102	003	0F06	3514	
KSE104	003	0F17	3519	
KSE110	003	0F22	3522	3513 3524 3531
KSE112	003	0F2C	3525	
KSE115	003	0F32	3527	
KSE120	003	0F44	3535	3526
KSE122	003	0F4D	3538	
KSE124	003	0F59	3542	3539
KSE126	003	0F5C	3543	3541
KSE128	003	0F6A	3547	
KSE130	003	0F7D	3562	3499
KSE132	004	0F83	3564	
KSE135	005	0F8A	3567	3376* 3568
KSE140	004	0F96	3577	3565
KSE145	006	0F9D	3579	3377* 3580
KSE150	004	0FA9	3589	3578
KSE155	006	0FB5	3592	3378* 3593
KSE160	003	0FC1	3608	3487
KSE165	003	0FCC	3611	3616 3619
KSE170	003	0FE4	3618	
KSE180	004	0FEB	3627	3536 3548 3551 3573 3585 3598
KSE184	004	0FFA	3638	
KSE186	005	1000	3644	
KSE188	004	102C	3654	
SCACNT	002	1072	3778	3768* 3769*
SCACOF	001	0087	3750	
SCACOM	001	0001	3749	
SCAINC	001	0001	3748	3757 3763
SCAMMA	003	104F	3772	
SCANIT	001	1032	3752	3393 3471 3482 3627
SCASVE	002	1070	3777	3754* 3769
SCASV1	001	106F	3776	
SCA100	003	1041	3757	3759
SCA200	003	1044	3758	3756
SCA250	003	104E	3761	3772
SCA300	003	1051	3763	3765
SCA400	004	1061	3768	3761
SCA500	004	106B	3771	3753* 3767

TOTAL STATEMENTS IN ERROR IN THIS ASSEMBLY = 0

OL105 I THE CODE LENGTH OF #KSETI IS 4608 DECIMAL.
 OL103 I TOTAL NUMBER OF LIBRARY SECTORS REQUIRED IS 7
 NAME-#KSETI,PACK-R1R1R1,UNIT-R1,RETAIN-P,LIBRARY-R,CATEGORY-000

START ADDRESS	CATEGORY	NAME AND ENTRY	CODE LENGTH HEXADECIMAL	DECIMAL
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0E00	0	#KSETI	1200	4608
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OL100 I THE TOTAL CORE USED BY #KSETI IS 4608 DECIMAL.
OL101 I THE START CONTROL ADDRESS OF THIS MODULE IS 0E00.
OL104 I TOTAL NUMBER OF LIBRARY SECTORS REQUIRED IS 19
NAME-#KSETI,PACK-R1R1R1,UNIT-R1,RETAIN-P,LIBRARY-O