

# PDP-15

## Software Components Catalogue

July, 1976

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## CATALOGUE GUIDELINES

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ITEMS IN THIS CATALOGUE CAN BE LOCATED IN EITHER OF TWO WAYS: BY ORDER # (QX-###-XX, DEC-##-XXXXX), USING THE SOFTWARE DISTRIBUTION CODE INDEX, OR BY TITLE, USING THE ALPHABETIZED SOFTWARE DISTRIBUTION TITLE INDEX.

A THIRD INDEX, THE DIRECTORY INDEX, LISTS ALL PROGRAM FILENAMES OR CODES. WHEN A PRODUCT IS DISTRIBUTED ON MORE THAN ONE MEDIA (I.E.: 2 DECTAPES, 3 DISKS, ETC) DIRECTORIES MAY BE USED TO DETERMINE WHERE THE DESIRED FILE CAN BE FOUND. CONTENTS OF THE FILES CONTAINED ON EACH PIECE ARE LISTED THERE.

THE CATALOGUE IS ORGANIZED IN THE FOLLOWING MANNER: FOR EACH SYSTEM PRODUCT, AN ABSTRACT IS GIVEN CONTAINING THE SPD # AND LICENSING REQUIREMENTS. ALL AVAILABLE KITS ARE THEN LISTED FOLLOWED BY MAJOR DOCUMENTATION. EACH KIT FOR THE PRODUCT IS LISTED AGAIN WITH ITS INDIVIDUAL COMPONENTS SPECIFIED.

MOST SOFTWARE PRODUCTS CAN BE PURCHASED EITHER IN KITS OR BY COMPONENTS (PIECES OF A KIT) BY LICENSED SOFTWARE USERS. (DOCUMENTS DO NOT REQUIRE A LICENSE)

DIAGNOSTIC SOFTWARE DOES NOT REQUIRE A LICENSE. KIT TITLES AND ORDER NUMBERS FOR EACH PRODUCT ARE SHOWN, FOLLOWED BY A LIST OF INDIVIDUAL PIECES. DIAGNOSTIC COMPONENTS WITHOUT PRICE CODES MAY NOT BE PURCHASED SEPARATELY.

MOST CURRENT VERSION OF EACH ITEM IS SUPPLIED.

/C FOLLOWING A PRICE CODE IS FOR INTERNAL USE ONLY.

\* CONSULT YOUR LOCAL DIGITAL SALES OFFICE.

EXPLANATION OF CODE

DIGITAL SOFTWARE HAS DISTINCT ORDERING CODES OF THE FOLLOWING FORMAT:

DEC	15	LPALA	A	PB
PREFIX	SOURCE	NAME	REVISION	FORMAT

PREFIX DEC: SYSTEM SOFTWARE PROGRAM

SOURCE: PRODUCT LINE RESPONSIBLE FOR REVISIONS  
 NAME: UNIQUE CODE FOR EACH ITEM IS A FIVE CHARACTER NAME.

REVISION:	-A.	FIRST REVISION
	-B.	NEXT REVISION
	-C.	ETC.
FORMAT:	-AA	LINCTAPE, SOURCE
	-AB	LINCTAPE, BINARY
	-AC	LINCTAPE, COMBINED MODE
	-CA	CARD DECK, ALPHA
	-CB	CARD DECK, BINARY
	-CO	CARD DECK, OPTICAL
	-D	DOCUMENT
	-DN	DOCUMENT, ADDENDUM
	-F	MICROFICHE
	-FA	MICROFICHE, LISTING
	-HA	DECPACK, SOURCE
	-HB	DECPACK, BINARY
	-HC	DECPACK, COMBINED MODE
	-LA	LISTING
	-LN	LISTING, ADDENDUM
	-MA	MAGTAPE, SOURCE
	-MB	MAGTAPE, BINARY
	-MC	MAGTAPE, COMBINED MODE
	-PA	PAPERTAPE, SOURCE
	-PB	PAPERTAPE, BINARY
	-PH	PAPERTAPE, HARDWARE, READ IN MODE
	-PL	PAPERTAPE, LOAD MODULE
	-PM	PAPERTAPE, RIM
	-PO	PAPERTAPE, BOOTSTRAP
	-PR	PAPERTAPE, RELOCATABLE
	-PS	PAPERTAPE, SAVE FORMAT
	-PT	TEST PAPERTAPE, NO FORMAT
	-TA	CASSETTE, SOURCE
	-TB	CASSETTE, BINARY
	-TC	CASSETTE, COMBINED MODE
	-UA	DECTAPE, SOURCE
	-UB	DECTAPE, BINARY
	-UC	DECTAPE, COMBINED MODE
	-UD	LINCTAPE
	-WA	TU16 MAGTAPE, SOURCE
	-WB	TU16 MAGTAPE, BINARY
	-WC	TU16 MAGTAPE, COMBINED MODE
	-YA	FLOPPY DISK, SOURCE
	-YB	FLOPPY DISK, BINARY
	-YC	FLOPPY DISK, COMBINED MODE

\* MULTI-MEDIA DIRECTORIES ARE LISTED IN ALPHABETICAL ORDER IN DIRECTORY INDEX. \*

MISCELLANEOUS PDP-15 DOCUMENTS

GUIDE TO ALGOL PROGRAMMING	DEC-15-GAZA-D	E	/C
GRAPHICS-15 REFERENCE MANUAL	DEC-15-GWSB-D	C	/C
SPARK CHAMBER ON-LINE DATA SYSTEM (SCOLDS)	DEC-15-OWZA-D	C	/C
PDP-15/76 REFERENCE MANUAL	DEC-15-XSRMA-A-D	C	/C

XVM/DOS  
-----

XVM/DOS (SPD 18.2) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENCE AGREEMENT IS REQUIRED. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS

XVM/DOS SOURCE DECTAPE KIT	QM060-XC,YC	*
XVM/DOS 9 TRACK SOURCE MAGTAPE KIT	QM060-XD,YD	*
XVM/DOS 7 TRACK SOURCE MAGTAPE KIT	QM060-XF,YF	*

DOCUMENTATION

BOSS XVM USER'S MANUAL	DEC-XV-OBUEA-A-D	F	/C
CHAIN XVM/EXECUTE XVM UTILITY MANUAL	DEC-XV-UCHNA-A-D	F	/C
DDT XVM UTILITY MANUAL	DEC-XV-UDDTA-A-D	F	/C
EDIT/EDITVP/EDITVT XVM UTILITY MANUAL	DEC-XV-UETUA-A-D	F	/C
STRAN XVM UTILITY MANUAL	DEC-XV-UTRNA-A-D	F	/C
FOCAL XVM LANGUAGE MANUAL	DEC-XV-LFLGA-A-D	F	/C
FORTRAN IV XVM LANGUAGE MANUAL	DEC-XV-LF4MA-A-D	F	/C
FORTRAN IV XVM OPERATING ENVIRONMENT MANUAL	DEC-XV-LF4EA-A-D	F	/C
LINKING LOADER XVM UTILITY MANUAL	DEC-XV-ULLUA-A-D	F	/C
MAC11 XVM ASSEMBLER LANGUAGE MANUAL	DEC-XV-LMLAA-A-D	F	/C
MACRO XVM ASSEMBLER LANGUAGE MANUAL	DEC-XV-LMALA-A-D	F	/C
MTDUMP XVM UTILITY MANUAL	DEC-XV-UMTUA-A-D	F	/C
PATCH XVM UTILITY MANUAL	DEC-XV-UPUMA-A-D	F	/C
PIP XVM UTILITY MANUAL	DEC-XV-UPPUA-A-D	F	/C
SGEN XVM UTILITY MANUAL	DEC-XV-USUTA-A-D	F	/C
SRCCOM XVM UTILITY MANUAL	DEC-XV-USRCA-A-D	F	/C
UPDATE XVM UTILITY MANUAL	DEC-XV-UUPDA-A-D	F	/C
VP15A XVM GRAPHICS SOFTWARE MANUAL	DEC-XV-GVPAA-A-D	F	/C
VT15 XVM GRAPHICS SOFTWARE MANUAL	DEC-XV-GVTAA-A-D	F	/C
XVM/DOS KEYBOARD COMMAND GUIDE	DEC-XV-ODKBA-A-D	F	/C
XVM/DOS USER'S GUIDE AND MASTER INDEX	DEC-XV-ODGIA-A-D	F	/C
XVM/DOS USER'S MANUAL	DEC-XV-ODMAA-A-D	F	/C
XVM/DOS VIA SYSTEM INSTALLATION GUIDE	DEC-XV-ODSIA-A-D	F	/C
XVM UNICHANNEL SOFTWARE MANUAL	DEC-XV-XUSMA-A-D	F	/C
XVM/DOS SYSTEM MANUAL	DEC-XV-ODSAA-A-D	F	/C
XVM/DOS VIA CORRECTION NOTICE	DEC-XV-OXRCA-A-D	F	/C

COMPONENTS

XVM/DOS SOURCE DECTAPE KIT	QM060-XC,YC	*	
DOCUMENTATION (SEE ABOVE)			
BINARY PAPERTAPE			
XVM/PIREX (RK ONLY)	DEC-XV-OXPXA-A-PB	E	/C
READ IN MODE PAPERTAPES			
RPBOOT RP02 DISK PACK BOOTSTRAP	DEC-XV-ORPXA-A-PH	E	/C
RPBOOT RF15 DECDISK BOOTSTRAP	DEC-XV-ORFXA-A-PH	E	/C
RKBOOT RK05 DISK CARTRIDGE BOOTSTRAP	DEC-XV-ORKXA-A-PH	E	/C
ABSL11 XVM LOADER	DEC-XV-OXALA-A-PH	E	/C
DOSSAV XVM DISK SAVE/RESTORE	DEC-XV-OXSVA-A-PH	E	/C

SOURCE DECTAPES

XVM/DOS SOURCE DECTAPES (20P)		
DECTAPE #1	DEC-XV-OXDSA-A-UA1	K
DECTAPE #2	DEC-XV-OXDSA-A-UA2	K
DECTAPE #3	DEC-XV-OXDSA-A-UA3	K
DECTAPE #4	DEC-XV-OXDSA-A-UA4	K

TITLE	NUMBER	PRICE CODE	
DECTAPE #5	DEC-XV-OXDSA-A-UA5	K	
DECTAPE #6	DEC-XV-OXDSA-A-UA6	K	
DECTAPE #7	DEC-XV-OXDSA-A-UA7	K	
DECTAPE #8	DEC-XV-OXDSA-A-UA8	K	
DECTAPE #9	DEC-XV-OXDSA-A-UA9	K	
DECTAPE #10	DEC-XV-OXDSA-A-UA10	K	
DECTAPE #11	DEC-XV-OXDSA-A-UA11	K	
DECTAPE #12	DEC-XV-OXDSA-A-UA12	K	
DECTAPE #13	DEC-XV-OXDSA-A-UA13	K	
DECTAPE #14	DEC-XV-OXDSA-A-UA14	K	
DECTAPE #15	DEC-XV-OXDSA-A-UA15	K	
DECTAPE #16	DEC-XV-OXDSA-A-UA16	K	
DECTAPE #17	DEC-XV-OXDSA-A-UA17	K	
DECTAPE #18	DEC-XV-OXDSA-A-UA18	K	
DECTAPE #19	DEC-XV-OXDSA-A-UA19	K	
DECTAPE #20	DEC-XV-OXDSA-A-UA20	K	
XVM/DOS BINARY DECTAPE COMBINED MODE DECTAPES	DEC-XV-OXRCA-A-UB	K	
XVM/DOS SKELETON RESTORE FOR RP02 TAPE DISK PACK SYSTEM (2P)			
DECTAPE #1	DEC-XV-OXRPA-A-UC1	K	/C
DECTAPE #2	DEC-XV-OXRPA-A-UC2	K	/C
XVM/DOS SKELETON RESTORE TAPE FOR RF DECDISK			
DECTAPE #1	DEC-XV-OXRFA-A-UC1	K	/C
DECTAPE #2	DEC-XV-OXRFA-A-UC2	K	/C
XVM/DOS SKELETON RESTORE TAPE FOR RF05 DISK CARTRIDGE SYSTEM			
DECTAPE #1	DEC-XV-OXRKA-A-UC1	K	/C
DECTAPE #2	DEC-XV-OXRKA-A-UC2	K	/C
XVM/DOS 9 TRACK SOURCE MAGTAPE KIT	QM060-XD,YD	*	
DOCUMENTATION (SEE ABOVE)			
BINARY PAPERTAPE (SAME AS IN QM060-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM060-YC)			
SOURCE MAGTAPES			
XVM/DOS			
MAGTAPE #1	DEC-XV-OXD1A-A-MA9	L	
MAGTAPE #2	DEC-XV-OXD2A-A-MA9	L	
MAGTAPE #3	DEC-XV-OXD3A-A-MA9	L	
MAGTAPE #4	DEC-XV-OXD4A-A-MA9	L	
MAGTAPE #5	DEC-XV-OXD5A-A-MA9	L	
BINARY MAGTAPE			
XVM/DOS VIA CORRECTION TAPE	DEC-XV-OXRCA-A-MB9	L	
XVM/DOS BINARY MAGTAPES			
BINARY MAGTAPES			
MAGTAPE #1	DEC-XV-OXRCA-MB7		
MAGTAPE #2	DEC-XV-OXRCA-MB9		
COMBINED MODE MAGTAPES			
XVM/DOS SKELETON RESTORE TAPE FOR RP02 DISK PACK SYSTEM	DEC-XV-OXRPA-A-MC9	L	/C
XVM/DOS SKELETON RESTORE TAPE FOR RF DECDISK SYSTEM	DEC-XV-OXRFA-A-MC9	L	/C
XVM/DOS SKELETON RESTORE TAPE FOR RK05 DISK CARTRIDGE SYSTEM	DEC-XV-OXRKA-A-MC9	L	/C
XVM/DOS SOURCE 7 TRACK MAGTAPE KIT	QM060-XF,YF	*	
DOCUMENTATION (SEE ABOVE)			
BINARY PAPERTAPE (SAME AS IN QM060-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM060-YC)			
SOURCE MAGTAPES			
XVM/DOS			
MAGTAPE #1	DEC-XV-OXD1A-A-MA7	L	
MAGTAPE #2	DEC-XV-OXD2A-A-MA7	L	
MAGTAPE #3	DEC-XV-OXD3A-A-MA7	L	



TITLE	NUMBER	PRICE CODE
MAGTAPE #4	DEC-XV-OXD4A-A-MA7	L
MAGTAPE #5	DEC-XV-OXD5A-A-MA7	L
BINARY MAGTAPE		
XVM/DOS VIA CORRECTION TAPE	DEC-XV-OXRCA-A-MB7	L
COMBINED MODE MAGTAPES		
XVM/DOS SKELETON RESTORE TAPE FOR RP02	DEC-XV-OXRPA-A-MC7	L /C
DISK PACK SYSTEM		
XVM/DOS SKELETON RESTORE TAPE FOR RF	DEC-XV-OXRFA-A-MC7	L /C
DECDISK SYSTEM		
XVM/DOS SKELETON RESTORE TAPE FOR RK05	DEC-XV-OXRKA-A-MC7	L /C
DISK CARTRIDGE SYSTEM		

XVM/RSX  
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XVM/RSX (SPD 19.2) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. XVM/DOS V1.0 OR LATER IS A PREREQUISITE. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS

XVM/RSX V1A SOURCE DECTAPE KIT	QM070-XC,YC	*
XVM/RSX V1A SOURCE 9 TRACK MAGTAPE KIT	QM070-XD,YD	*
XVM/RSX V1A SOURCE 7 TRACK MAGTAPE KIT	QM070-XF,YF	*

DOCUMENTATION

XVM/RSX SYSTEM MANUAL	DEC-XV-IRSMA-A-D	F /C
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COMPONENTS

XVM/RSX V1A SOURCE DECTAPE KIT	QM070-XC,YC	*
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DOCUMENTATION (SEE ABOVE)

BINARY DECTAPES

XVM/RSX V1A MCR TASKS & EXEC ABS	DEC-XV-IXRAA-A-UB1	K /C
XVM/RSX V1A TDV, COP, TRANSIENT TASKS & TKBDOS	DEC-XV-IXRAA-A-UB2	K /C

SOURCE DECTAPES

XVM/RSX V1A		
I/O HANDLER SOURCE DECTAPE #1	DEC-XV-IXRAA-A-UA1	K
I/O HANDLER SOURCE DECTAPE #2	DEC-XV-IXRAA-A-UA2	K
I/O HANDLER SOURCE DECTAPE #3	DEC-XV-IXRAA-A-UA3	K
EXECUTIVE SOURCE DECTAPE #4	DEC-XV-IXRAA-A-UA4	K
MCR SOURCE DECTAPE #5	DEC-XV-IXRAA-A-UA5	K
MCR, COP TRANSIENT SOURCE DECTAPE #6	DEC-XV-IXRAA-A-UA6	K
TDV SOURCE DECTAPE #7	DEC-XV-IXRAA-A-UA7	K
TDV SOURCE DECTAPE #8	DEC-XV-IXRAA-A-UA8	K
TDV SOURCE DECTAPE #9	DEC-XV-IXRAA-A-UA9	K
TDV SOURCE DECTAPE #10	DEC-XV-IXRAA-A-UA10	K
OTS SOURCE DECTAPE #11	DEC-XV-IXRAA-A-UA11	K
OTS SOURCE DECTAPE #12	DEC-XV-IXRAA-A-UA12	K
OTS SOURCE DECTAPE #13	DEC-XV-IXRAA-A-UA13	K
OTS SOURCE DECTAPE #14	DEC-XV-IXRAA-A-UA14	K
TDV SOURCE DECTAPE #15	DEC-XV-IXRAA-A-UA15	K

COMBINED MODE DECTAPES

XVM/RSX V1A LIBRARIES, BOOTSTRAPS, I/O TASKS & EXECUTIVE SOURCES DECTAPE #1	DEC-XV-IXRAA-A-UC1	K /C
BATCH TASKS & SOURCES DECTAPE #2	DEC-XV-IXRAA-A-UC2	K /C
MISC SOURCES & BUILD FILES DECTAPE #3	DEC-XV-IXRAA-A-UC3	K /C

XVM/RSX V1A SOURCE 9 TRACK MAGTAPE KIT	QM070-XD,YD	*
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DOCUMENTATION (SEE ABOVE)

TITLE	NUMBER	PRICE	CODE
<b>SOURCE MAGTAPES</b>			
XVM/RSX VIA			
MCR, COP, TRANSIENT SOURCE MAGTAPE	DEC-XV-IXR4A-A-MA9		L
TDV SOURCE MAGTAPE	DEC-XV-IXR5A-A-MA9		L
TDV SOURCE MAGTAPE	DEC-XV-IXR6A-A-MA9		L
OTS & I/O HANDLER SOURCE MAGTAPE	DEC-XV-IXR7A-A-MA9		L
OTS & I/O HANDLER SOURCE MAGTAPE	DEC-XV-IXR8A-A-MA9		L
<b>COMBINED MODE MAGTAPES</b>			
XVM/RSX VIA			
TASKS, MISC BINARIES & EXECUTIVE	DEC-XV-IXR1A-A-MC9		L /C
BATCH TASK & SOURCES, MISC SOURCES &	DEC-XV-IXR2A-A-MC9		L /C
BUILD FILES			
OTS & EXECUTIVE SOURCES I/O HANDLER	DEC-XV-IXR3A-A-MC9		L /C
TASKS MISC BINARIES			
XVM/RSX VIA SOURCE 7 TRACK MAGTAPE KIT	QM070-XF,YF		*
DOCUMENTATION (SEE ABOVE)			
<b>SOURCE MAGTAPES</b>			
XVM/RSX VIA			
MCR, COP, TRANSIENT SOURCE MAGTAPE	DEC-XV-IXR4A-A-MA7		L
TDV SOURCE MAGTAPE	DEC-XV-IXR5A-A-MA7		L
TDV SOURCE MAGTAPE	DEC-XV-IXR6A-A-MA7		L
OTS & I/O HANDLER SOURCE MAGTAPE	DEC-XV-IXR7A-A-MA7		L
OTS & I/O HANDLER SOURCE MAGTAPE	DEC-XV-IXR8A-A-MA7		L
<b>COMBINED MODE MAGTAPES</b>			
XVM/RSX VIA			
TASKS, MISC BINARIES & EXECUTIVE	DEC-XV-IXR1A-A-MC7		L /C
BATCH TASKS & SOURCES MISC SOURCES &	DEC-XV-IXR2A-A-MC7		L /C
BUILD FILES			
OTS & EXECUTIVE SOURCES, I/O HANDLER	DEC-XV-IXR3A-A-MC7		L /C
TASKS & MISC BINARIES			
<b>XVM/MUMPS</b>			
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XVM/MUMPS VIA000 (SPD 20,2) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. XVM/DOS VERSION 1A OR LATER OR DOS-15 VERSION 1A OR LATER ARE PREREQUISITES. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.			
<b>KITS</b>			
XVM/MUMPS VIA SOURCE DECTAPE KIT	QM810-YC		*
XVM/MUMPS VIA 9 TRK SOURCE MAGTAPE KIT	QM810-YD		*
XVM/MUMPS VIA 7 TRK SOURCE MAGTAPE KIT	QM810-YF		*
<b>DOCUMENTATION</b>			
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MUMPS-15 USER'S GUIDE	DEC-15-MMUPA-A-D		
MUMPS-15 OPERATOR'S GUIDE SUPP	DEC-15-MMOSA-A-D		
MUMPS-15 OPERATOR'S GUIDE CHANGE NOTE	DEC-15-MMOSA-A-DN		
MUMPS-15 LANGUAGE MANUAL	DEC-15-GXZC-A-D		
MUMPS-15 LANGUAGE MAN ERRATA SHEET	DEC-15-GXZC-A-DN		
MUMPS-15 VER 10 UPDATE NOTICE	DEC-15-MMSUA-A-D		
MUMPS-15 VER 11 GUIDE	DEC-15-MMUNA-A-D		
XVM/MUMPS LANGUAGE REF MANUAL	DEC-15-MLMAA-A-D		
XVM/MUMPS USER'S GUIDE	DEC-15-MGMAA-A-D		
<b>COMPONENTS</b>			
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XVM/MUMPS VIA SOURCE DECTAPE KIT	QM810-YC		*
<b>DOCUMENTATION (SEE ABOVE)</b>			
B. 1			
XVM/MUMPS VIA SOURCE DECTAPES			
DECTAPE #1	DEC-XV-MMUSA-A-UA1		K
DECTAPE #2	DEC-XV-MMUSA-A-UA2		K
DECTAPE #3	DEC-XV-MMUSA-A-UA3		K
DECTAPE #4	DEC-XV-MMUSA-A-UA4		K

TITLE	NUMBER	PRICE	CODE
XVM/MUMPS V1A SOURCE 9TRK MAGTAPE KIT	QM810-YD		*
DOCUMENTATION (SEE ABOVE)			
XVM/MUMPS SOURCE 9TRK MAGTAPE	DEC-XV-MMUSA-A-MA9		L
XVM/MUMPS V1A SOURCE 7TRK MAGTAPE KIT	QM810-YF		*
DOCUMENTATION (SEE ABOVE)			
XVM/MUMPS V1A SOURCE 7TRK MAGTAPE	DEC-XV-MMUSA-A-MA7		L

QUICKSCAN V1A  
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QUICKSCAN V1A000 (SPD 20.7) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. XVM/DOS VERSION 1A OR LATER IS A PREREQUISITE. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS  
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QUICKSCAN V1A SOURCE DECTAPE KIT	QM080-XC	*
QUICKSCAN V1A SOURCE 9TRK MAGTAPE KIT	QM080-XD	*
QUICKSCAN V1A SOURCE 7TRK MAGTAPE KIT	QM080-XF	*

DOCUMENTATION  
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QUICKSCAN V1A USERS MANUAL	DEC-XV-GVSDA-A-D	
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COMPONENTS  
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QUICKSCAN V1A SOURCE DECTAPE KIT	QM080-XC	*
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B.1  
DOCUMENTATION (SEE ABOVE)

QUICKSCAN V1A SOURCE DECTAPE	DEC-XV-GVSDA-A-UA	K
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QUICKSCAN V1A SOURCE 9TRK MAGTAPE KIT	QM080-XD	*
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DOCUMENTATION (SEE ABOVE)

QUICKSCAN V1A SOURCE 9TRK MAGTAPE	DEC-XV-GVSDA-A-MA9	K
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QUICKSCAN V1A SOURCE 7TRK MAGTAPE KIT	QM080-XF	*
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DOCUMENTATION (SEE ABOVE)

QUICKSCAN V1A SOURCE 7TRK MAGTAPE	DEC-XV-GVSDA-A-MA7	K
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DOS/BOSS  
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DOS/BOSS IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE IS REQUIRED. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS  
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DOS/BOSS-15 RF15 DECTAPE KIT	QM045-YC	*
DOS/BOSS-15 RF15 9 TRACK MAGTAPE KIT	QM045-YD	*
DOS/BOSS-15 RF15 7 TRACK MAGTAPE KIT	QM045-YF	*
DOS/BOSS-15 RP02 DECTAPE KIT	QM046-YC	*
DOS/BOSS-15 RP02 9 TRACK MAGTAPE KIT	QM046-YD	*
DOS/BOSS-15 RP02 7 TRACK MAGTAPE KIT	QM046-YF	*
DOS/BOSS-15 RK05 DECTAPE KIT	QM047-YC	*
DOS/BOSS-15 RK05 9 TRACK MAGTAPE KIT	QM047-YD	*
DOS/BOSS-15 RK02 7 TRACK MAGTAPE KIT	QM047-YF	*

TITLE	NUMBER	PRICE	CODE
<b>DOCUMENTATION</b>			
DOS USERS MANUAL	DEC-15-ODUMA-B-D		E /C
DOS SYSTEM MANUAL	DEC-15-ODFFA-B-D		E /C
DOS KEYBOARD COMMAND GUIDE	DEC-15-ODKCA-B-D		E /C
PDP-15 DOS SYSTEM REFERENCE CARD (25)	DEC-15-ODRFA-B-D		E /C
MACRO-15 ASSEMBLER PROGRAMMER'S REFERENCE MANUAL	DEC-15-LMACA-B-D		E /C
PDP-15 FOCAL PROGRAMMING MANUAL	DEC-15-LFOCA-A-D		E /C
FORTRAN IV LANGUAGE MANUAL	DEC-15-LFLMA-A-D		E /C
FORTRAN IV OPERATING ENVIRONMENT	DEC-15-LFEMA-A-D		E /C
PDP-15 FORTRAN IV F4 V3A IMPROVEMENTS	DEC-15-LFCMA-A-D		E /C
PDP-8 TO PDP-15 TRANSLATOR	DEC-15-ENZA-D		E /C
PDP-8/9 TRANSLATOR	DEC-09-ENZA-D		E /C
DDT UTILITY PROGRAM	DEC-15-YWZA-DN1		E /C
CHAIN & EXECUTE UTILITY PROGRAM	DEC-15-YWZB-DN2		E /C
MTDUMP UTILITY PROGRAM	DEC-15-YWZB-DN4		E /C
PATCH UTILITY PROGRAM	DEC-15-UPATA-A-D		E /C
EDIT UTILITY PROGRAM	DEC-15-YWZB-DN6		E /C
UPDATE UTILITY PROGRAM	DEC-15-YWZB-DN7		E /C
LINKING LOADER UTILITY PROGRAM	DEC-15-ULNKA-A-D		E /C
SRCCOM UTILITY PROGRAM	DEC-15-YWZB-DN11		E /C
SGEN-DOS UTILITY PROGRAM	DEC-15-USGNA-A-D		E /C
PIP DOS MONITOR UTILITY PROGRAM	DEC-15-UIIPA-A-D		E /C
VP15A GRAPHICS SOFTWARE	DEC-15-UXSB-D		E /C
GRAPHIC-15 PROGRAMMING MANUAL	DEC-15-GVTPA-A-D		E /C
UNICHANNEL-15 SYSTEM SOFTWARE MANUAL	DEC-15-XUCMA-B-D		E /C
MAC11 ASSEMBLER PROGRAMMERS REFERENCE MANUAL	DEC-15-LMCMA-A-D		E /C
SPECIAL UNICHANNEL-15 DEBUGGING TOOLS (QDMP15 & UDMP11)	DEC-15-UCDBA-A-D		Z
DOS-15 ASSEMBLY PARAMETERS	DEC-15-ODAPA-B-D		Z
DOS-15 V3B UPDATE DOCUMENT	DEC-15-OD3BA-A-D		K /C
PDP-15 BOSS BATCH OPERATING SOFTWARE SYSTEM USER'S REFERENCE CARD (25)	DEC-15-OBRCA-A-D		F /C
BOSS-15 V2A BUILDING PROCEDURES	DEC-15-OBPA-B-D		Z
BOSS USER'S MANUAL	DEC-15-OBUMA-A-D		F /C
BOSS USER'S MANUAL ADDENDUM	DEC-15-OBUMA-A-DN1		Z
<b>COMPONENTS</b>			
DOS/BOSS-15 RF15 DECTAPE KIT	QM045-YC		*
DOCUMENTATION (SEE ABOVE)			
BINARY PAPERTAPES			
PIREX.OBJ (WITH RK05,LP11)	DEC-15-OPRKA-A-PB		E /C
MAC11.IMG (4K PDP-11 MEMORY)	DEC-15-ODUFA-A-PB		E /C
MAC11.IMG (8K PDP-11 MEMORY)	DEC-15-ODUEA-A-PB		E /C
MAC11.IMG (12K PDP-11 MEMORY)	DEC-15-ODUTA-A-PB		E /C
SOURCE PAPERTAPE			
DOS-15 RF15 CHECKOUT PACKAGE (RF.CHK)	DEC-15-ORFCA-A-PA		E
READ IN MODE PAPERTAPES			
RFBOOT (DOS-15 RF15 DECDISK BOOTSTRAP)	DEC-15-ORFDA-A-PH		E /C
DOSSAV DISK SAVE/RESTORE	DEC-15-ODSVA-A-PH		E /C
ABSL11 LOADER	DEC-15-ODABA-A-PH		E /C
QDMP-15	DEC-15-UCQDA-A-PH		E /C
UDMP-11	DEC-15-UCUDA-A-PH		E /C
BINARY DECTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFFA-A-UB		K /C
DOS-15 V3B UPDATE DECTAPES (2P)			
DECTAPE #1	DEC-15-OV3BA-A-UB1		K /C
DECTAPE #2	DEC-15-OV3BA-A-UB2		K /C
SOURCE DECTAPES			
DOS-15 V3A (17P)			
DECTAPE #1	DEC-15-ODSRA-A-UA1		K
DECTAPE #2	DEC-15-ODSRA-A-UA2		K
DECTAPE #3	DEC-15-ODSRA-A-UA3		K
DECTAPE #4	DEC-15-ODSRA-A-UA4		K
DECTAPE #5	DEC-15-ODSRA-A-UA5		K
DECTAPE #6	DEC-15-ODSRA-A-UA6		K

TITLE	NUMBER	PRICE	CODE
DECTAPE #7	DEC-15-ODSRA-A-UA7		K
DECTAPE #8	DEC-15-ODSRA-A-UA8		K
DECTAPE #9	DEC-15-ODSRA-A-UA9		K
DECTAPE #10	DEC-15-ODSRA-A-UA10		K
DECTAPE #11	DEC-15-ODSRA-A-UA11		K
DECTAPE #12	DEC-15-ODSRA-A-UA12		K
DECTAPE #13	DEC-15-ODSRA-A-UA13		K
DECTAPE #14	DEC-15-ODSRA-A-UA14		K
DECTAPE #15	DEC-15-ODSRA-A-UA15		K
DECTAPE #16	DEC-15-ODSRA-A-UA16		K
DECTAPE #17	DEC-15-ODSRA-A1-UA17		K
DOS-15 V3A MAC-11 SOURCE DECTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-UA		K
DOS-15 V3B UPDATE SOURCE DECTAPES (8P)			
DECTAPE #1	DEC-15-OV3BA-A-UA1		K
DECTAPE #2	DEC-15-OV3BA-A-UA2		K
DECTAPE #3	DEC-15-OV3BA-A-UA3		K
DECTAPE #4	DEC-15-OV3BA-A-UA4		K
DECTAPE #5	DEC-15-OV3BA-A-UA5		K
DECTAPE #6	DEC-15-OV3BA-A-UA6		K
DECTAPE #7	DEC-15-OV3BA-A-UA7		K
DECTAPE #8	DEC-15-OV3BA-A-UA8		K
COMBINED MODE DECTAPES			
DOS-15 V3A RESTORE TAPE FOR RF15 DECdisk SYSTEM (2P)			
DECTAPE #1	DEC-15-ORFRA-A-UC1		K /C
DECTAPE #2	DEC-15-ORFRA-A-UC2		K /C
DOS-15 V3A UFD FOR RF15 DECdisk SYSTEM	DEC-15-ODPUA-A-UC		K /C
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A1-UC		K /C
BOSS-15 V2A DECTAPE #1	DEC-15-OBOSA-A-UC		K /C
DOS/BOSS-15 RF15 9 TRACK MAGTAPE KIT	QM045-YD		*
DOCUMENTATION (SEE PAGE 1)			
BINARY PAPERTAPES (SAME AS IN QM045-YC)			
SOURCE PAPERTAPES (SAME AS IN QM045-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM045-YC)			
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A-MB9		L /C
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB9		L /C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA9		L
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA9		L
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA9		L
DOS-15 V3A MAC-11 SOURCE MAGTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-MA9		L
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA9		L
COMBINED MODE MAGTAPES			
DOS-15 V3A RESTORE TAPE FOR RF15 DECdisk SYSTEM	DEC-15-ORFRA-A-MC9		L /C
DOS-15 V3A UFD FOR RF15 DECdisk SYSTEM	DEC-15-ODPUA-A-MC9		L /C
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A1-MC9		L /C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC9		L /C
DOS/BOSS-15 RF15 7 TRACK MAGTAPE KIT	QM045-YF		*
DOCUMENTATION (SEE PAGE 1)			
BINARY PAPERTAPES (SAME AS IN QM045-YC)			
SOURCE PAPERTAPES (SAME AS IN QM045-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM045-YC)			

TITLE	NUMBER	PRICE	CODE
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A1-MB7	L	/C
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB7	L	/C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA7	L	
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA7	L	
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA7	L	
DOS-15 V3A MAC11 SOURCE MAGTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-MA7	L	
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA7	L	
COMBINED MODE MAGTAPES			
DOS-15 V3A RESTORE TAPE FOR RF15 DECODISK SYSTEM	DEC-15-ORFRA-A-MC7	L	/C
DOS-15 V3A UFD FOR RF15 DECDISK SYSTEM	DEC-15-ODPUA-A-MC7	L	/C
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A2-MC7	L	/C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC7	L	/C
DOS/BOSS-15 RP02 DECTAPE KIT	QM046-YC	*	
DOCUMENTATION (SEE PAGE 1)			
BINARY PAPERTAPES			
PIREX.OBJ (WITH RK05,LP11)	DEC-15-OPRKA-A-PB	E	/C
MAC11.IMG (4K PDP-11 MEMORY)	DEC-15-ODUFA-A-PB	E	/C
MAC11.IMG (8K PDP-11 MEMORY)	DEC-15-ODUEA-A-PB	E	/C
MAC11.IMG (12K PDP-11 MEMORY)	DEC-15-ODUTA-A-PB	E	/C
SOURCE PAPERTAPE			
DOS-15 RP02 CHECKOUT PACKAGE (RP.CHK)	DEC-15-ORPCA-A-PA	E	
READ IN MODE PAPERTAPES			
RPBOOT (DOS-15 RP02 DISK PACK BOOTSTRAP)	DEC-15-ORPBA-A-PH	E	/C
DOSSAV DISK SAVE/RESTORE	DEC-15-ODSVA-A-PH	E	/C
ABSL11 LOADER	DEC-15-ODABA-A-PH	E	/C
QDMP15	DEC-15-UCQDA-A-PH	E	/C
UDMP11	DEC-15-UCUDA-A-PH	E	/C
BINARY DECTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A-UB	K	/C
DOS-15 V3B UPDATE BINARY DECTAPES (2P)			
DECTAPE #1	DEC-15-OV3BA-A-UB1	K	/C
DECTAPE #2	DEC-15-OV3BA-A-UB2	K	/C
SOURCE DECTAPES			
DOS-15 V3A (17P)			
DECTAPE #1	DEC-15-ODSRA-A-UA1	K	
DECTAPE #2	DEC-15-ODSRA-A-UA2	K	
DECTAPE #3	DEC-15-ODSRA-A-UA3	K	
DECTAPE #4	DEC-15-ODSRA-A-UA4	K	
DECTAPE #5	DEC-15-ODSRA-A-UA5	K	
DECTAPE #6	DEC-15-ODSRA-A-UA6	K	
DECTAPE #7	DEC-15-ODSRA-A-UA7	K	
DECTAPE #8	DEC-15-ODSRA-A-UA8	K	
DECTAPE #9	DEC-15-ODSRA-A-UA9	K	
DECTAPE #10	DEC-15-ODSRA-A-UA10	K	
DECTAPE #11	DEC-15-ODSRA-A-UA11	K	
DECTAPE #12	DEC-15-ODSRA-A-UA12	K	
DECTAPE #13	DEC-15-ODSRA-A-UA13	K	
DECTAPE #14	DEC-15-ODSRA-A-UA14	K	
DECTAPE #15	DEC-15-ODSRA-A-UA15	K	
DECTAPE #16	DEC-15-ODSRA-A-UA16	K	
DECTAPE #17	DEC-15-ODSRA-A1-UA17	K	
DOS-15 V3A MAC-11 SOURCE DECTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-UA	K	
DOS-15 V3B UPDATE SOURCE DECTAPES (8P)			
DECTAPE #1	DEC-15-OV3BA-A-UA1	K	
DECTAPE #2	DEC-15-OV3BA-A-UA2	K	
DECTAPE #3	DEC-15-OV3BA-A-UA3	K	
DECTAPE #4	DEC-15-OV3BA-A-UA4	K	
DECTAPE #5	DEC-15-OV3BA-A-UA5	K	
DECTAPE #6	DEC-15-OV3BA-A-UA6	K	
DECTAPE #7	DEC-15-OV3BA-A-UA7	K	
DECTAPE #8	DEC-15-OV3BA-A-UA8	K	

TITLE	NUMBER	PRICE	CODE
COMBINED MODE DECTAPES			
DOS-15 V3A RESTORE TAPE FOR RP02			
DISKPACK SYSTEM (2P)			
DECTAPE #1	DEC-15-ORPRA-A1-UC1		K /C
DECTAPE #2	DEC-15-ORPRA-A-UC2		K /C
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A1-UC		K /C
BOSS-15 V2A DECTAPE #1	DEC-15-OBOSA-A-UC		K /C
DOS/BOSS-15 RP02 9 TRACK MAGTAPE KIT	QM046-YD		*
DOCUMENTATION (SEE PAGE 1)			
BINARY PAPERTAPES (SAME AS IN QM046-YC)			
SOURCE PAPERTAPES (SAME AS IN QM046-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM046-YC)			
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT	DEC-15-ODFPA-A-MB9		L /C
FORTRAN OPTION			
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB9		L /C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA9		L
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA9		L
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA9		L
DOS-15 V3A MAC-11 SOURCE MAGTAPE	DEC-15-ODMSA-A-MA9		L
(DOS-11 FORMAT)			
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA9		L
COMBINED MODE MAGTAPES			
DOS-15 V3A RESTORE TAPE FOR RP02	DEC-15-ORPRA-A1-MC9		L /C
DISKPACK SYSTEM			
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A1-MC9		L /C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC9		L /C
DOS/BOSS-15 RP02 7 TRACK MAGTAPE KIT	QM046-YF		*
DOCUMENTATION (SEE PAGE 1)			
BINARY PAPERTAPES (SAME AS IN QM046-YC)			
SOURCE PAPERTAPES (SAME AS IN QM046-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM046-YC)			
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT	DEC-15-ODFPA-A1-MB7		L /C
FORTRAN OPTION			
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB7		L /C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA7		L
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA7		L
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA7		L
DOS-15 V3A MAC11 SOURCE MAGTAPE	DEC-15-ODMSA-A-MA7		L
(DOS-11 FORMAT)			
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA7		L
COMBINED MODE MAGTAPES			
DOS-15 V3A RESTORE TAPE FOR RP02	DEC-15-ORPRA-A1-MC7		L /C
DISKPACK SYSTEM			
DOS-15 V3A UC15 SOFTWARE OPTION	DEC-15-ODUCA-A2-MC7		L /C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC7		L /C
DOS/BOSS-15 RK05 DECTAPE KIT	QM047-YC		*
DOCUMENTATION (SEE PAGE 1 & ALSO)			
UPDATE FOR DOS-15 V3A RK05 CARTRIDGE	DEC-15-OCRKA-A-D		E /C
DISK SYSTEMS TAPES			
BINARY PAPERTAPES			
PIREX.OBJ (WITH RK05,LP11)	DEC-15-OPRKA-A-PB		E /C

TITLE	NUMBER	PRICE	CODE
MAC11.IMG (4K PDP-11 MEMORY)	DEC-15-ODUFA-A-PB		E /C
MAC11.IMG (8K PDP-11 MEMORY)	DEC-15-ODUEA-A-PB		E /C
MAC11.IMG (12K PDP-11 MEMORY)	DEC-15-ODUTA-A-PB		E /C
SOURCE PAPERTAPE			
DOS-15 RK05 CHECKOUT PACKAGE (RK.CHK)	DEC-15-ORKCA-A-PA		E
READ IN MODE PAPERTAPES			
RKBOOT (DOS-15 RK05 CARTRIDGE DISK BOOTSTRAP)	DEC-15-ORKBA-A-PH		E /C
DOSSAV DISK SAVE/RESTORE	DEC-15-ODSVA-A-PH		E /C
ABSL11 LOADER	DEC-15-ODABA-A-PH		E /C
QDMP15	DEC-15-UCQDA-A-PH		E /C
UDMP11	DEC-15-UCUDA-A-PH		E /C
BINARY DECTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A-UB		K /C
DOS-15 V3B UPDATE BINARY DECTAPES (2P)			
DECTAPE #1	DEC-15-OV3BA-A-UB1		K /C
DECTAPE #2	DEC-15-OV3BA-A-UB2		K /C
SOURCE DECTAPES			
DOS-15 V3A (17P)			
DECTAPE #1	DEC-15-ODSRA-A-UA1		K
DECTAPE #2	DEC-15-ODSRA-A-UA2		K
DECTAPE #3	DEC-15-ODSRA-A-UA3		K
DECTAPE #4	DEC-15-ODSRA-A-UA4		K
DECTAPE #5	DEC-15-ODSRA-A-UA5		K
DECTAPE #6	DEC-15-ODSRA-A-UA6		K
DECTAPE #7	DEC-15-ODSRA-A-UA7		K
DECTAPE #8	DEC-15-ODSRA-A-UA8		K
DECTAPE #9	DEC-15-ODSRA-A-UA9		K
DECTAPE #10	DEC-15-ODSRA-A-UA10		K
DECTAPE #11	DEC-15-ODSRA-A-UA11		K
DECTAPE #12	DEC-15-ODSRA-A-UA12		K
DECTAPE #13	DEC-15-ODSRA-A-UA13		K
DECTAPE #14	DEC-15-ODSRA-A-UA14		K
DECTAPE #15	DEC-15-ODSRA-A-UA15		K
DECTAPE #16	DEC-15-ODSRA-A-UA16		K
DECTAPE #17	DEC-15-ODSRA-A1-UA17		K
DOS-15 V3A MAC-11 SOURCE DECTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-UA		K
DOS-15 V3B UPDATE SOURCE DECTAPES (8P)			
DECTAPE #1	DEC-15-OV3BA-A-UA1		K
DECTAPE #2	DEC-15-OV3BA-A-UA2		K
DECTAPE #3	DEC-15-OV3BA-A-UA3		K
DECTAPE #4	DEC-15-OV3BA-A-UA4		K
DECTAPE #5	DEC-15-OV3BA-A-UA5		K
DECTAPE #6	DEC-15-OV3BA-A-UA6		K
DECTAPE #7	DEC-15-OV3BA-A-UA7		K
DECTAPE #8	DEC-15-OV3BA-A-UA8		K
DOS-15 V3A UPDATE FOR RK05 CARTRIDGE DISK SYSTEM	DEC-15-OCRKA-A-UA		K
COMBINED MODE DECTAPES			
DOS-15 V3A RESTORE TAPE FOR RK05 DISK CARTRIDGE SYSTEM (8P)			
DECTAPE #1	DEC-15-ORKSA-A-UC1		K /C
DECTAPE #2	DEC-15-ORKSA-A-UC2		K /C
DECTAPE #3	DEC-15-ORKSA-A-UC3		K /C
DECTAPE #4	DEC-15-ORKSA-A-UC4		K /C
DECTAPE #5	DEC-15-ORKSA-A-UC5		K /C
DECTAPE #6	DEC-15-ORKSA-A-UC6		K /C
DECTAPE #7	DEC-15-ORKSA-A-UC7		K /C
DECTAPE #8	DEC-15-ORKSA-A-UC8		K /C
BOSS-15 V2A DECTAPE #1	DEC-15-OBOSA-A-UC		K /C
DOS/BOSS-15 RK05 9 TRACK MAGTAPE KIT	QM047-YD		*
DOCUMENTATION (SEE PAGE 1 & ALSO) UPDATE FOR DOS-15 V3A RK05 CARTRIDGE DISK SYSTEM TAPES	DEC-15-OCRKA-A-D		E /C
BINARY PAPERTAPES (SAME AS IN QM047-YC)			



TITLE	NUMBER	PRICE	CODE
SOURCE PAPERTAPES (SAME AS IN QM047-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM047-YC)			
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A-MB9	L	/C
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB9	L	/C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA9	L	
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA9	L	
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA9	L	
DOS-15 V3A MAC-11 SOURCE MAGTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-MA9	L	
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA9	L	
DOS-15 V3A UPDATE FOR RK05 CARTRIDGE DISK SYSTEM	DEC-15-OCRKA-A-MA9	L	
COMBINED MODE MAGTAPES			
DOS-15 V3A RESTORE TAPE FOR RK05 DISK CARTRIDGE SYSTEM	DEC-15-ORKSA-A-MC9	L	/C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC9	L	/C
DOS/BOSS/15 RK02 7 TRACK MAGTAPE KIT	QM047-YF	*	
DOCUMENTATION (SEE PAGE 1 AND ALSO) UPDATE FOR DOS-15 V3A RK05 CARTRIDGE DISK SYSTEMS TAPES	DEC-15-OCRKA-A-D	E	/C
BINARY PAPERTAPES (SAME AS IN QM047-YC)			
SOURCE PAPERTAPES (SAME AS IN QM047-YC)			
READ IN MODE PAPERTAPES (SAME AS IN QM047-YC)			
BINARY MAGTAPES			
DOS-15 V3A FLOATING POINT FORTRAN OPTION	DEC-15-ODFPA-A1-MB7	L	/C
DOS-15 V3B UPDATE BINARY MAGTAPE	DEC-15-OV3BA-A-MB7	L	/C
SOURCE MAGTAPES			
DOS-15 V3A SOURCE MAGTAPE #1	DEC-15-ODS1A-A-MA7	L	
DOS-15 V3A SOURCE MAGTAPE #2	DEC-15-ODS2A-A-MA7	L	
DOS-15 V3A SOURCE MAGTAPE #3	DEC-15-ODS3A-A1-MA7	L	
DOS-15 V3A MAC11 SOURCE MAGTAPE (DOS-11 FORMAT)	DEC-15-ODMSA-A-MA7	L	
DOS-15 V3B UPDATE SOURCE MAGTAPE	DEC-15-OV3BA-A-MA7	L	
DOS-15 V3A UPDATE FOR RK05 CARTRIDGE DISK SYSTEM	DEC-15-OCRKA-A-MA7	L	
COMBINED MODE MAGTAPE			
DOS-15 V3A RESTORE TAPE FOR RK05 DISK CARTRIDGE SYSTEM	DEC-15-ORKSA-A-MC7	L	/C
BOSS-15 V2A MAGTAPE	DEC-15-OBOSA-A-MC7	L	/C

RSX + 3  
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RSX+3 (SPD 19,1) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE IS REQUIRED. DOS-BOSS IS A PREREQUISITE. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS

RSX+3 BASIC, EXT & GRAPHICS DECTAPE KIT	QM035-YC	*
RSX+3 BASIC, EXT & GRAPHICS 9 TRACK MAGTAPE KIT	QM035-YD	*
RSX+3 BASIC, EXT & GRAPHICS 7 TRACK MAGTAPE KIT	QM035-YF	*

TITLE	NUMBER	PRICE	CODE
<b>DOCUMENTATION</b>			
RSX+3 KIT CONTENTS DESCRIPTION	DEC-15-IRKCA-A-D		Z
RSX+3 OPERATING SYSTEM REFERENCE MANUAL	DEC-15-IROMA-B-D		L /C
RASP 15 MULTIPROGRAMMING LANGUAGE	DEC-15-IRASA-A-D		E /C
RSX+3 VERSION 1B UPDATE DESCRIPTION	DEC-15-IRUDA-A-D		E /C
RSX GRAPHICS USER'S MANUAL	DEC-15-IRGMA-A-D		H /C
<b>COMPONENTS</b>			
RSX+3 BASIC, EXT & GRAPHICS DECTAPE KIT	QM035-YC		*
DOCUMENTATION (SEE ABOVE)			
SOURCE DECTAPES			
RSX+3 MCR FUNCTION SOURCES(2P)			
DECTAPE #1	DEC-15-IRMFA-A-UA1		K
DECTAPE #2	DEC-15-IRMFA-A-UA2		K
RSX+3 I/O HANDLER SOURCES (3P)			
DECTAPE #1	DEC-15-IRHSA-A-UA1		K
DECTAPE #2	DEC-15-IRHSA-A-UA2		K
DECTAPE #3	DEC-15-IRHSA-A-UA3		K
RSX+3 EXECUTIVE SOURCE (PART I)	DEC-15-IRECA-A-UA		K
RSX+3 FORTRAN OTS LIBRARY SOURCES (4P)			
DECTAPE #1	DEC-15-IRFLA-A-UA1		K
DECTAPE #2	DEC-15-IRFLA-A-UA2		K
DECTAPE #3	DEC-15-IRFLA-A-UA3		K
DECTAPE #4	DEC-15-IRFLA-A-UA4		K
RSX+3 VERSION 1B UPDATE EXECUTIVE (6P)			
DECTAPE #1	DEC-15-IRUSA-A-UA1		K
DECTAPE #2	DEC-15-IRUSA-A-UA2		K
DECTAPE #3	DEC-15-IRUSA-A-UA3		K
DECTAPE #4	DEC-15-IRUSA-A-UA4		K
DECTAPE #5	DEC-15-IRUSA-A-UA5		K
DECTAPE #6	DEC-15-IRUSA-A-UA6		K
RSX+3 RASP SOURCES	DEC-15-IRRSA-A-UA		K
RSX+3 BATCH SOURCES	DEC-15-IRBAA-A-UA		K
RSX+3 TDV FUNCTION SOURCES(3P)			
DECTAPE #1	DEC-15-IRTFA-A-UA1		K
DECTAPE #2	DEC-15-IRTFA-A-UA2		K
DECTAPE #3	DEC-15-IRTFA-A-UA3		K
BINARY DECTAPES			
RSX+3 BASIC TASKS	DEC-15-IRBTA-A-UB		K /C
RSX+3 VERSION 1B UPDATE TASKS & BINARIES	DEC-15-IRUSA-A-UB		K /C
RSX+3 BACKGROUND BATCH TASKS	DEC-15-IRBBA-A-UB		K /C
COMBINED MODE DECTAPES			
RSX+3 EXECUTIVE SOURCE & BINARY (PART II)	DEC-15-IRECA-A-UC		K /C
RSX+3 I/O HANDLER BINARIES, MISC. SOURCES AND MISC. BINARIES	DEC-15-IRHCA-A-UC		K /C
RSX+3 GRAPHICS SOURCES AND BINARIES	DEC-15-IRGCA-A-UC		K /C
RSX+3 TDV FUNCTION SOURCES & TDV BINARIES	DEC-15-IRTFA-A-UC		K /C
RSX+3 BASIC, EXT & GRAPHICS 9 TRACK MAGTAPE KIT	QM035-YD		*
DOCUMENTATION (SEE PAGE 7)			
SOURCE MAGTAPES			
RSX+3 FORTRAN OTS LIBRARY SOURCES	DEC-15-IROTA-A-MA9		L
RSX+3 I/O HANDLER & FORTRAN OTS LIBRARY SOURCES	DEC-15-IRHFA-A-MA9		L
RSX+3 MCR FUNCTION, CHECKOUT PACKAGE, RASP, & TRANSIENT SOURCES	DEC-15-IRMTA-A-MA9		L
COMBINED MODE MAGTAPES			
RSX+3 TDV FUNCTION SOURCES AND TDV BINARIES	DEC-15-IRTFA-A-MC9		L /C
RSX+3 BATCH SOURCES AND BACKGROUND BATCH TASKS	DEC-15-IRPBA-A-MC9		L /C
RSX+3 GRAPHICS SOURCES AND BINARIES	DEC-15-IRGCA-A-MC9		L /C

TITLE	NUMBER	PRICE	CODE
RSX+3 I/O HANDLER & EXECUTIVE SOURCES, BINARY & BASIC TASKS (PART 2)	DEC-15-IRHEA-A-MC9		L /C
RSX+3 EXECUTIVE FORTRAN OTS LIBRARY & MISC. SOURCES, BINARIES, & I/O HANDLER (PART I)	DEC-15-IRMCA-A-MC9		L /C
RSX+3 VERSION 1B UPDATE SOURCES, BINARIES, & TASKS	DEC-15-IRUSA-A-MC9		L /C

RSX+3 BASIC, EXT & GRAPHICS 7 TRACK MAGTAPE KIT	QM035-YF		*
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DOCUMENTATION (SEE PAGE 7)

SOURCE MAGTAPES			
RSX+3 FORTRAN OTS LIBRARY SOURCES	DEC-15-IROTA-A-MA7		L
RSX+3 I/O HANDLER FORTRAN OTS LIBRARY SOURCES	DEC-15-IRHFA-A-MA7		L
RSX+3 MCR FUNCTION, CHECKOUT PACKAGE, RASP, & TRANSIENT SOURCES	DEC-15-IRMTA-A-MA7		L
COMBINED MODE MAGTAPES			
RSX+3 I/O HANDLER & EXECUTIVE SOURCES, BINARY & BASIC TASKS (PART II)	DEC-15-IRHEA-A-MC7		L /C
RSX+3 EXECUTIVE (PART I) FORTRAN OTS LIBRARY & MISC SOURCES AND I/O HANDLER & MISC BINARIES	DEC-15-IRMCA-A-MC7		L /C
RSX+3 VERSION 1B UPDATE SOURCES, BINARIES & TASKS	DEC-15-IRUSA-A-MC7		L /C
RSX+3 TDV FUNCTION SOURCES+TDV BINARIES	DEC-15-IRTFA-A-MC7		L /C
RSX+3 BATCH SOURCES & BACKGROUND BATCH TASKS	DEC-15-IRPBA-A-MC7		L /C
RSX+3 GRAPHICS SOURCES & BINARIES	DEC-15-IRGCA-A-MC7		L /C

ADSS-V5A  
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ADSS-V5A (SPD 17.1) IS A LICENSED SOFTWARE PRODUCT. REGISTERED USERS MAY ORDER SOURCE KITS. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS

ADSS-15 PRE-DELIVERY KIT	QM005-GZ		* /C
ADSS-15 BINARY DECTAPE KIT	QM005-CC		*
ADSS-15 SOURCE DECTAPE KIT	QM005-EC		*

DOCUMENTATION

PDP-15/20/30/40 ADVANCED MONITOR SOFTWARE SYSTEM	DEC-15-MR2B-D		E /C
PDP-15/20 USER'S GUIDE	DEC-15-OUGAA-A-D		E /C
PDP-15/20 V5A ADVANCED MONITOR SYSTEM CHECKOUT PACKAGE	DEC-15-CGFA-D		E /C
MACRO-15 ASSEMBLER PROGRAMMER'S REFERENCE MANUAL	DEC-15-LMACA-B-D		E /C
PDP-15 FOCAL PROGRAMMING MANUAL	DEC-15-LFOCA-A-D		E /C
FORTRAN IV LANGUAGE MANUAL	DEC-15-GFWA-D		E /C
FORTRAN IV OPERATING ENVIRONMENT	DEC-15-GFZA-D		E /C
PDP-8 TO PDP-15 TRANSLATOR	DEC-15-ENZA-D		E /C
PDP-8/9 TRANSLATOR	DEC-09-ENZA-D		E /C
VP15A GRAPHICS SOFTWARE	DEC-15-UXSB-D		E /C
PDP-9 LP09 LINE PRINTER HANDLER	DEC-9A-RYLA-D		E /C
ADVANCED MONITOR SOFTWARE SYSTEM V5B UPDATE	DEC-15-OAMSB-A-D		Z
DDT UTILITY PROGRAM	DEC-15-YWZA-DN1		C /C
CHAIN & EXECUTE UTILITY PROGRAM	DEC-15-YWZB-DN2		C /C
SGEN UTILITY PROGRAM	DEC-15-YWZA-DN3		C /C
MTDUMP UTILITY PROGRAM	DEC-15-YWZB-DN4		C /C
PATCH UTILITY PROGRAM	DEC-15-UPATA-A-D		E /C
EDIT UTILITY PROGRAM	DEC-15-YWZB-DN6		C /C
UPDATE UTILITY PROGRAM	DEC-15-YWZB-DN7		C /C

TITLE	NUMBER	PRICE	CODE
LINKING LOADER UTILITY PROGRAM	DEC-15-ULNKA-A-D		E /C
PIP ADVANCED MONITOR UTILITY PROGRAM	DEC-15-YWZB-DN9		C /C
SRCCOM UTILITY PROGRAM	DEC-15-YWZB-DN11		C /C
FORTRAN IV PROGRAMMERS REFERENCE MANUAL	DEC-15-KFZB-D		C /C
FORTRAN IV PROGRAMMERS REFERENCE MANUAL ADDENDUM	DEC-15-KFZB-DN		Z
GRAPHIC 15 PROGRAMMING MANUAL	DEC-15-GVTPA-A-D		E /C
<b>COMPONENTS</b>			
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ADSS-15 PRE-DELIVERY KIT	QM005-GZ		* /C
DOCUMENTATION (SEE ABOVE)			
ADSS-15 BINARY DECTAPE KIT	QM005-CC		* /C
DOCUMENTATION (SEE ABOVE)			
<b>BINARY PAPERTAPES</b>			
PDP-9/15 DECDISK	DEC-15-UPFB-PB		E /C
SAVE/RESTORE (RFSAV)			
PDP-9 MULTICORE DISK	DEC-09-UDSVA-A-PB		E /C
SAVE/RESTORE (DSKSAV)			
CHECKOUT PACKAGE TAPE RUN 15	DEC-15-QMBA-PB		E /C
PDP-9/15 PAGE MODE OTS SUBROUTINES (ATAN2)	DEC-15-FQFA-PB		Z
PDP-9/15 PAGE MODE OTS SUBROUTINE (DATAN2)	DEC-15-FQGA-PB		Z
VT15 GRAPHICS PHASE I UPDATE (VT PRIM, DYLD, TRACK, L TORPB, VTA)	DEC-15-YFSB-PB		E /C
PDP-9 LP09 LINE PRINTER HANDLER	DEC-9A-RYLA-PB		E /C
<b>SOURCE PAPERTAPES</b>			
CHECKOUT PACKAGE TAPE COMTST	DEC-15-QFCA-PA		E
CHECKOUT PACKAGE TAPE BASIC 8	DEC-15-QNZA-PA		E
<b>READ IN MODE PAPERTAPES</b>			
PDP-9/15 MULTICORE DECTAPE BOOTSTRAP (.DTSBT)	DEC-15-UDTSA-A-PH		E /C
PDP-9/15 MULTICORE DECDISK BOOTSTRAP (.RFSBT)	DEC-15-URFSA-A-PH		E /C
PDP-9 RB09 MULTICORE DISK BOOTSTRAP (.DKSBT)	DEC-09-UDKSA-A-PH		E /C
<b>BINARY DECTAPE</b>			
FORTRAN UPDATE TAPE	DEC-15-LF5BA-A-UB		K /C
<b>COMBINED MODE DECTAPES</b>			
PERIPHERAL TAPE UPDATE V5B (4P)			
DECTAPE #1	DEC-15-QADSB-A-UC1		K /C
DECTAPE #2	DEC-15-QADSB-A-UC2		K /C
DECTAPE #3	DEC-15-QADSB-A-UC3		K /C
DECTAPE #4	DEC-15-QADSB-A-UC4		K /C
ADSS-15 SOURCE DECTAPE KIT	QM005-EC		* /C
DOCUMENTATION			
FORTRAN OTS ASSEMBLY PARAMETERS	DEC-15-LOTS-A-B-D		Z
<b>SOURCE PAPERTAPE</b>			
PDP-9 LP09 LINE PRINTER HANDLER	DEC-9A-RYLA-PA		E
<b>SOURCE DECTAPES</b>			
PDP-9/15 ADSS-15 V5A SYSTEM (16P)			
DECTAPE #1	DEC-15-OASSA-A-UA1		K
DECTAPE #2	DEC-15-SWZA-U2		K
DECTAPE #3	DEC-15-OASSA-A-UA3		K
DECTAPE #4	DEC-15-OASSA-A-UA4		K
DECTAPE #5	DEC-15-OASSA-A-UA5		K
DECTAPE #6	DEC-15-OASSA-A-UA6		K
DECTAPE #7	DEC-15-OASSA-A-UA7		K
DECTAPE #8	DEC-15-OASSA-A-UA8		K
DECTAPE #9	DEC-15-OASSA-A-UA9		K
DECTAPE #10	DEC-15-OASSA-A-UA10		K
DECTAPE #11	DEC-15-SWZA-U11		K

TITLE	NUMBER	PRICE	CODE
DECTAPE #12	DEC-15-SWZA-U12		K
DECTAPE #13	DEC-15-SWZA-U13		K
DECTAPE #14	DEC-15-OASSA-A-UA14		K
DECTAPE #15	DEC-15-SWZA-U15		K
DECTAPE #16	DEC-15-SWZA-U16		K
PDP-9/15 FORTRAN IV UPDATE (4P)			
DECTAPE #1	DEC-15-OFORA-B-UA1		K
DECTAPE #2	DEC-15-OFORA-B-UA2		K
DECTAPE #3	DEC-15-OFORA-B-UA3		K
DECTAPE #4	DEC-15-SRDB-U11		K
	PDP-9/15 B/F SOFTWARE SYSTEM (V4A)		
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PDP-9/15 B/F SOFTWARE SYSTEM V4A (SPD 17.5) IS A LICENSED SOFTWARE PRODUCT. PURCHASE OF AN ADSS PACKAGE (QM005) IS A PREREQUISITE. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.			
<b>KITS</b>			
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B/F PRE-DELIVERY KIT	QM015-GZ	*	/C
B/F BINARY DECTAPE KIT	QM015-CC	*	
B/F SOURCE DECTAPE KIT	QM015-EC	*	
<b>DOCUMENTATION</b>			
-----			
MONITOR SOFTWARE SYSTEM PROGRAMMER'S REFERENCE MANUAL	DEC-15-MR3A-D	F	/C
MONITOR SOFTWARE SYSTEM PROGRAMMER'S REFERENCE MANUAL ADDENDUM	DEC-15-MR3A-DN1	Z	
MONITOR SOFTWARE SYSTEM PROGRAMMER'S REFERENCE MANUAL ADDENDUM	DEC-15-MR3A-DN2	Z	
MONITOR SOFTWARE SYSTEM PROGRAMMER'S REFERENCE MANUAL ADDENDUM	DEC-15-MR3A-DN3	Z	
PDP-15/30/40 B/F CHECKOUT PACKAGE	DEC-15-QRZA-D	E	/C
SOFTWARE SUBSCRIPTION SERVICE B/F UPDATE #1	DEC-15-OBMSC-A-D	Z	
<b>COMPONENTS</b>			
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B/F PRE-DELIVERY KIT	QM015-GZ	*	/C
DOCUMENTATION (SEE ABOVE)			
B/F BINARY DECTAPE KIT	QM015-CC	*	
DOCUMENTATION (SEE ABOVE)			
BINARY PAPERTAPES			
B/F BINARY PAPERTAPES (2P)			
TALK PAPERTAPE #1	DEC-15-QG4A-PB1	E	/C
MURPH PAPERTAPE #2	DEC-15-QG4A-PB2	E	/C
SOURCE PAPERTAPE			
TALK SOURCE PAPERTAPE	DEC-15-QG4A-PA	E	
COMBINED MODE DECTAPES			
B/F V4B PAGE DT TAPE UPDATE (5P)			
DECTAPE #1	DEC-15-OBFSC-A-UC1	K	/C
DECTAPE #2	DEC-15-OBFSC-A-UC2	K	/C
DECTAPE #3	DEC-15-OBFSC-A-UC3	K	/C
DECTAPE #4	DEC-15-OBFSC-A-UC4	K	/C
DECTAPE #5	DEC-15-OBFSC-A-UC5	K	/C
B/F SOURCE DECTAPE KIT	QM015-EC	*	
DOCUMENTATION			
PDP-9/15 B/F V4A ASSEMBLY PARAMETER	DEC-15-OBFAA-B-D	E	/C

TITLE	NUMBER	PRICE	CODE
SOURCE DECTAPES			
PDP-15 B/F V4B SYSTEM (10P)			
DECTAPE #1	DEC-15-OBF1A-A-UA		K
DECTAPE #2	DEC-15-OBF2A-A-UA		K
DECTAPE #3	DEC-15-OBF3A-A-UA		K
DECTAPE #4	DEC-15-OBF4A-A-UA		K
DECTAPE #5	DEC-15-OBF5A-A-UA5		K
DECTAPE #6	DEC-15-OBF6A-A-UA		K
DECTAPE #7	DEC-15-OBFSA-A-UA7		K
DECTAPE #8	DEC-15-OBFSA-A-UA8		K
DECTAPE #9	DEC-15-OBFSA-A-UA9		K
DECTAPE #10	DEC-15-OBFSA-A-UA10		K

ALGOL-15  
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ALGOL-15 (SPD 20.5) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE IS REQUIRED. REGISTERED USERS MAY ORDER SOURCE KITS. THIS MAYBE USED UNDER THREE OPERATING SYSTEMS ADSS15, BOSS15, DOS15 APPLIES AS WELL TO THE PDP9 WHEN USING BOSS-15. AFTER THE INITIAL KIT PURCHASE REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.

KITS

ALGOL-15 PRE-DELIVERY KIT	QM020-GZ	*	/C
ALGOL-15 BINARY DECTAPE KIT	QM020-CC	*	
ALGOL-15 9 TRACK BINARY MAGTAPE KIT	QM020-CD	*	
ALGOL-15 7 TRACK BINARY MAGTAPE KIT	QM020-CF	*	
ALGOL-15 SOURCE DECTAPE KIT	QM020-EC	*	

DOCUMENTATION

ALGOL-15 REFERENCE MANUAL	DEC-15-GARA-A-D	E	/C
ALGOL-15 REFERENCE MANUAL ADDENDUM	DEC-15-GARA-A-DN	Z	
ALGOL-15 BUILDING MANUAL	DEC-15-LBALA-A-D	E	/C
ALGOL-15 BUILDING MANUAL ADDENDUM	DEC-15-LBALA-A-DN	Z	

COMPONENTS

ALGOL-15 PRE-DELIVERY KIT	QM020-GZ	*	/C
DOCUMENTATION (SEE ABOVE)			
ALGOL-15 BINARY DECTAPE KIT	QM020-CC	*	
DOCUMENTATION (SEE ABOVE)			
BINARY DECTAPE			
ALGOL-15 VIA BINARIES	DEC-15-LALGA-A-UB	K	/C
ALGOL-15 9 TRACK BINARY MAGTAPE KIT	QM020-CD	*	
DOCUMENTATION (SEE ABOVE)			
BINARY MAGTAPE			
ALGOL-15 VIA BINARIES	DEC-15-LALGA-A-MB9	L	/C
ALGOL-15 7 TRACK BINARY MAGTAPE KIT	QM020-CF	*	
DOCUMENTATION (SEE ABOVE)			
BINARY MAGTAPE			
ALGOL-15 VIA BINARIES	DEC-15-LALGA-A-MB7	L	/C
ALGOL-15 SOURCE DECTAPE KIT	QM020-EC	*	

TITLE	NUMBER	PRICE	CODE
SOURCE DECTAPES			
ALGOL-15 SOURCES (3P)			
DECTAPE #1	DEC-15-LALGA-A-UA1		K
DECTAPE #2	DEC-15-LALGA-A-UA2		K
DECTAPE #3	DEC-15-LALGA-A-UA3		K
MUMPS SOFTWARE			
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MUMPS-15 V11 (SPD 20.1) IS A LICENSED SOFTWARE PRODUCT. A SIGNED SOURCE LICENSE AGREEMENT IS REQUIRED. REGISTERED USERS MAY ORDER INDIVIDUAL ITEMS AT THE REPLACEMENT PRICES SHOWN.			
KITS			
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MUMPS-15 V11 DECTAPE KIT	QM800-YC		*
MUMPS-15 V11 9 TRACK MAGTAPE KIT	QM800-YD		*
MUMPS-15 V11 7 TRACK MAGTAPE KIT	QM800-YF		*
DOCUMENTATION			
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MUMPS-15 OPERATOR'S GUIDE	DEC-15-MMUPA-A-D		G /C
MUMPS-15 OPERATOR'S GUIDE SUPPLEMENT	DEC-15-MMOSA-A-D		Z
MUMPS-15 OPERATOR'S GUIDE CHANGE NOTICE ADDENDUM	DEC-15-MMOSA-A-DN		Z
MUMPS-15 LANGUAGE MANUAL	DEC-15-GXZC-D		C /C
MUMPS-15 LANGUAGE MANUAL ERRATA SHEET	DEC-15-GXZC-DN		Z
MUMPS-15 VERSION 10 UPDATE NOTICE	DEC-15-MMSUA-A-D		E /C
MUMPS-15 V11 GUIDE	DEC-15-MMUNA-A-D		E /C
COMPONENTS			
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MUMPS-15 V11 DECTAPE KIT	QM800-YC		*
DOCUMENTATION (SEE PAGE 12&13)			
SOURCE DECTAPES			
MUMPS-15 V11 SOURCE DECTAPES (3P)			
DECTAPE #1	DEC-15-MMUDB-A-UA1		K
DECTAPE #2	DEC-15-MMUDB-A-UA2		K
DECTAPE #3	DEC-15-MMUDB-A-UA3		K
MUMPS-15 V11 9 TRACK MAGTAPE KIT	QM800-YD		*
DOCUMENTATION (SEE PAGE 12&13)			
SOURCE MAGTAPE			
MUMPS-15 V11 SOURCE (9 TRACK) MAGTAPE	DEC-15-MMUDB-A-MA9		L
MUMPS-15 V11 7 TRACK MAGTAPE KIT	QM800-YF		*
DOCUMENTATION (SEE PAGE 12&13)			
SOURCE MAGTAPE			
MUMPS-15 V11 SOURCE (7TRACK) MAGTAPE	DEC-15-MMUDB-A-MA7		L
HYBRID SOFTWARE			
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AD4 HYBRID MANUAL	DEC-15-GR2B-D		F /C
EAI-680 HYBRID MANUAL	DEC-15-GR3A-D		F /C
SOURCE DECTAPE			
AD/4 HYBRID SOFTWARE SYSTEMS AD/4 HCR'S	DEC-15-ZZZA-UA		K
COMBINED MODE DECTAPES			
AD/4 HYBRID SOFTWARE SYSTEMS INTERRUPT HANDLING ROUTINES	DEC-15-ZZWA-UC		K /C

TITLE	NUMBER	PRICE	CODE	
EAI-680 HYBRID SOFTWARE SYSTEM CSMP FOR DEC	DEC-15-ZZ1A-UC		K	/C
SOURCE DECTAPE				
EAI-680 HYBRID SOFTWARE SYSTEM EAI 69 3 LINKAGE ROUTINES	DEC-15-ZZ2A-UA		K	
BINARY DECTAPE				
EAI-680 HYBRID SOFTWARE SYSTEM EAI 69 3 LINKAGE ROUTINES	DEC-15-ZZ3A-UB		K	/C
COMBINED MODE DECTAPES				
EAI-680 HYBRID SOFTWARE SYSTEM HYSAT/HIORT	DEC-15-ZZ4A-UC		K	/C
EAI-680 HYBRID SOFTWARE SYSTEM MAINTENANCE ROUTINES	DEC-15-ZZ5A-UC		K	/C
BINARY DECTAPE				
EAI-680 HYBRID SOFTWARE SYSTEM SYSTEM TAPE (SYSTEM #6)	DEC-15-ZZ6A-UB		K	/C
COMBINED MODE DECTAPE				
EAI-680 HYBRID SOFTWARE SYSTEM MISCELLANEOUS	DEC-15-ZZ7A-UC		K	/C

PDP-15 COMMERCIAL SUBROUTINE PACKAGE  
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COMMERCIAL SUBROUTINE PACKAGE PART 1 DOCUMENT	DEC-15-FZ1A-D		E	/C
COMBINED MODE DECTAPE	-UC		K	/C
COMMERCIAL SUBROUTINE PACKAGE PART 2 DOCUMENT	DEC-15-FZ2A-D		E	/C
COMBINED MODE DECTAPE	-UC		K	/C

PDP-15/9 STATISTICS PACKAGE  
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STATPAC DOCUMENT	DEC-15-UFZB-D		C	/C
COMBINED MODE DECTAPE	-UC		K	/C

PDP-15 MATH PACKAGE  
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DATA REDUCTION AND ERROR ANALYSIS FOR THE PHYSICAL SCIENCES				
DOCUMENT	DEC-15-ZFTA-D		G	/C
PDP-15 MATH PACKAGE USER'S GUIDE (USED IN CONJUNCTION WITH DEC-15-ZFTA-D)				
DOCUMENT	DEC-15-DFTA-DL		Z	
PDP-15 MATH PACKAGE (CAN ONLY BE PURCHASED WITH DEC-15-ZFTA-D)				
SOURCE DECTAPE	DEC-15-ZFTA-UA		K	

PDP-15/10 COMPACT SOFTWARE SYSTEM  
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PDP-15/10 USERS GUIDE (COMPACT AND BASIC I/O MONITOR SOFTWARE SYSTEM)	DEC-15-GG1A-D		C	/C
PDP-15/10 SOFTWARE SYSTEM (COMPACT AND BASIC I/O MONITOR)	DEC-15-GR1A-D		E	/C
PDP-15/10 SOFTWARE SYSTEM (COMPACT AND BASIC I/O MONITOR) ADDENDUM	DEC-15-GR1A-DN		Z	
PDP-15/10 COMPACT SYSTEM CHECKOUT PACKAGE	DEC-15-CRYA-D		E	/C



TITLE	NUMBER	PRICE	CODE
STRIGS SOURCE PAPERTAPE LISTING	DEC-15-FQ1A-PA -LA	E E	/C
DTRIGS SOURCE PAPERTAPE LISTING	DEC-15-FQ2A-PA -LA	E E	/C
FPOINT-EAE SOURCE PAPERTAPE LISTING	DEC-15-FQ3A-PA -LA	E E	/C
FPOINT-NON EAE SOURCE PAPERTAPE LISTING	DEC-15-FQ4A-PA -LA	E E	/C
GENERAL SOURCE PAPERTAPE LISTING	DEC-15-FQ5A-PA -LA	E E	/C
FLIO SOURCE PAPERTAPE LISTING	DEC-15-FQ6A-PA -LA	E E	/C
LDIV SOURCE PAPERTAPE LISTING	DEC-15-FQ7A-PA -LA	E E	/C
DIY SOURCE PAPERTAPE LISTING	DEC-15-FQ8A-PA -LA	E E	/C
LMUL SOURCE PAPERTAPE LISTING	DEC-15-FQ9A-PA -LA	E E	/C
MULT SOURCE PAPERTAPE LISTING	DEC-15-FQ0A-PA -LA	E E	/C
TICTOC SOURCE PAPERTAPE LISTING	DEC-15-YKZA-PA -LA	E E	/C
DIP/OPS SOURCE PAPERTAPE LISTING	DEC-15-FQZA-PA -LA	E E	/C
PTLIST BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-YJZA-PB -PA -LA	E E E	/C /C
PTDUP BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-YPZA-PB -PA -LA	E E E	/C /C
ODMP15 BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-YQZA-PB -PA -LA	E E E	/C /C
SCAN15 READ IN MODE PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-YUZA-PH -PA -LA	E E E	/C /C
HRMLOD (HIGH) BANK MODE READ IN MODE PAPERTAPE	DEC-15-LY1A-PH	E	/C
HRMLOD (LOW) BANK MODE READ IN MODE PAPERTAPE	DEC-15-LY3A-PH	E	/C
HRMLOD (HIGH) PAGE MODE READ IN MODE PAPERTAPE	DEC-15-LY2A-PH	E	/C

TITLE	NUMBER	PRICE	CODE
HRMLOD (LOW) PAGE MODE READ IN MODE PAPERTAPE	DEC-15-LY4A-PH	E	/C
HRMLOD (HIGH AND LOW) SOURCE PAPERTAPE LISTING	DEC-15-LYZA-PA -LA	E E	/C
HRMPUN (LOW) READ IN MODE PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-RHZA-PH -PA -LA	E E E	/C
FST15R READ IN MODE PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-SU1A-PH -PA -LA	E E E	/C
FST15L BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-SU2A-PB -PA -LA	E E E	/C
FST15W (LOW) READ IN MODE PAPERTAPE	DEC-15-SU3A-PH	E	/C
FST15W (HIGH) READ IN MODE PAPERTAPE	DEC-15-SU4A-PH	E	/C
FST15W (HIGH AND LOW) SOURCE PAPERTAPE LISTING	DEC-15-SUZA-PA -LA	E E	/C
CAP15 ASSEMBLER BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-AZZA-PB -PA -LA	E I E	/C
8TRAN BINARY PAPERTAPE	DEC-15-EN1A-PB	E	/C
PDP-8 TO PDP-15 TRANSLATOR SOURCE PAPERTAPE LISTING	DEC-15-ENZA-PA -LA	I E	/C
EDIT 15/10 BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-EZZA-PB -PA -LA	E I E	/C
ODT15A BINARY PAPERTAPE SOURCE PAPERTAPE LISTING	DEC-15-COZA-PB -PA -LA	E F E	/C
CHECK10 SOURCE PAPERTAPE LISTING	DEC-15-CR1A-PA -LA	E E	/C
CHECK10-DIP/OPS SOURCE PAPERTAPE LISTING	DEC-15-CR2B-PA -LA	E E	/C
FAST 15/10 DECTAPE COMPACT SYSTEM COMBINED MODE DECTAPE	DEC-15-SUFA-UC	K	/C

PDP-15/10 I/O MONITOR SOFTWARE SYSTEM  
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PDP-15/10 USERS GUIDE (COMPACT AND BASIC I/O MONITOR SOFTWARE SYSTEM)	DEC-15-GG1A-D	C	/C
PDP-15/10 SOFTWARE SYSTEM (COMPACT AND BASIC I/O MONITOR)	DEC-15-GR1A-D	E	/C
PDP-15/10E BASIC I/O MONITOR CHANGE NOTICE #1	DEC-15-GRXA-DN	Z	
PDP-15/10E BASIC I/O MONITOR SYSTEM CHECKOUT PACKAGE	DEC-15-CRZA-D	C	/C

TITLE	NUMBER	PRICE CODE
	15/10 8K -----	
MACRO-15 BINARY PAPERTAPE 1 OF 2	DEC-15-A1ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-A2ZA-PB	E /C
FORTRAN IV BINARY PAPERTAPE 1 OF 2	DEC-15-K1ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-K2ZA-PB	E /C
.LOAD BINARY PAPERTAPE	DEC-15-L1ZA-PB	E /C
EDIT BINARY PAPERTAPE	DEC-15-E1ZA-PB	E /C
PIP029 BINARY PAPERTAPE	DEC-15-P1ZA-PB	E /C
PIP026 BINARY PAPERTAPE	DEC-15-P4ZA-PB	E /C
DDT BINARY PAPERTAPE	DEC-15-J1ZA-PB	E /C
DDTNP BINARY PAPERTAPE	DEC-15-J4ZA-PB	E /C
CHAIN BINARY PAPERTAPE	DEC-15-Y1ZA-PB	E /C
EXECUTE BINARY PAPERTAPE	DEC-15-Z1ZA-PB	E /C
STRAN BINARY PAPERTAPE	DEC-15-EN4A-PB	E /C
FOCAL NON-EAE BINARY PAPERTAPE	DEC-15-KJ3A-PB	E /C
FOCAL EAE BINARY PAPERTAPE	DEC-15-KJ6A-PB	E /C
FOCAL BINARY PAPERTAPE	DEC-15-KJ1A-PB	E /C
FNEW SOURCE PAPERTAPE	DEC-15-KJ2A-PA	E
LIBR1 BINARY PAPERTAPE	DEC-15-FY1A-PB	E /C
LIBR2 BINARY PAPERTAPE	DEC-15-FY2A-PB	E /C
LIBR3 BINARY PAPERTAPE	DEC-15-FY3A-PB	E /C
LIBR4 BINARY PAPERTAPE	DEC-15-FY4B-PB	E /C
LIBR4B BINARY PAPERTAPE	DEC-15-FY5B-PB	E /C
LIBR5A NON EAE BINARY PAPERTAPE	DEC-15-FY6B-PB	E /C
LIBR5B EAE BINARY PAPERTAPE	DEC-15-FY7B-PB	E /C
LIBR6 SOURCE PAPERTAPE	DEC-15-FY8A-PA	E
LIBR7 BINARY PAPERTAPE	DEC-15-FY9A-PB	E /C

TITLE	NUMBER	PRICE CODE
PUNCH15 READ IN MODE PAPERTAPE	DEC-15-YZZA-PH	E /C
EDITVP BINARY PAPERTAPE	DEC-15-E1SA-PB	E /C
CHECKOUT PACKAGE TAPE (COMTST) SOURCE PAPERTAPE	DEC-15-QFCA-PA	E
CHECKOUT PACKAGE TAPE (RUN15) BINARY PAPERTAPE	DEC-15-QMBA-PB	E /C
CHECKOUT PACKAGE TAPE (BASIC 8) SOURCE PAPERTAPE	DEC-15-QNZA-PA	E

15/10 12K  
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MACRO-15 BINARY PAPERTAPE 1 OF 2	DEC-15-A3ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-A4ZA-PB	E /C
FORTRAN IV BINARY PAPERTAPE 1 OF 2	DEC-15-K3ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-K4ZA-PB	E /C
.LOAD BINARY PAPERTAPE	DEC-15-L2ZA-PB	E /C
EDIT BINARY PAPERTAPE	DEC-15-E2ZA-PB	E /C
PIP029 BINARY PAPERTAPE	DEC-15-P2ZA-PB	E /C
PIP026 BINARY PAPERTAPE	DEC-15-P5ZA-PB	E /C
DDT BINARY PAPERTAPE	DEC-15-J2ZA-PB	E /C
DDTNP BINARY PAPERTAPE	DEC-15-J5ZA-PB	E /C
CHAIN BINARY PAPERTAPE	DEC-15-Y2ZA-PB	E /C
EXECUTE BINARY PAPERTAPE	DEC-15-Z2ZA-PB	E /C
STRAN BINARY PAPERTAPE	DEC-15-EN4A-PB	E /C
FOCAL NON-EAE BINARY PAPERTAPE	DEC-15-KJ4A-PB	E /C
FOCAL EAE BINARY PAPERTAPE	DEC-15-KJ7A-PB	E /C
FOCAL BINARY PAPERTAPE	DEC-15-KJ1A-PB	E /C
FNEW SOURCE PAPERTAPE	DEC-15-KJ2A-PA	E
LIBR1 BINARY PAPERTAPE	DEC-15-FY1A-PB	E /C
LIBR2 BINARY PAPERTAPE	DEC-15-FY2A-PB	E /C
LIBR3 BINARY PAPERTAPE	DEC-15-FY3A-PB	E /C

TITLE	NUMBER	PRICE CODE
LIBR4A BINARY PAPERTAPE	DEC-15-FY4B-PB	E /C
LIBR4B BINARY PAPERTAPE	DEC-15-FY5B-PB	E /C
LIBR5A NON EAE BINARY PAPERTAPE	DEC-15-FY6B-PB	E /C
LIBR5B EAE BINARY PAPERTAPE	DEC-15-FY7B-PB	E /C
LIBR6 SOURCE PAPERTAPE	DEC-15-FY8A-PA	E
LIBR7 BINARY PAPERTAPE	DEC-15-FY9A-PB	E /C
PUNCH15 READ IN MODE PAPERTAPE	DEC-15-YZZA-PH	E /C
EDITVP BINARY PAPERTAPE	DEC-15-E2SA-PB	E /C
CHECKOUT PACKAGE TAPE (COMTST) SOURCE PAPERTAPE	DEC-15-QFCA-PA	E
CHECKOUT PACKAGE TAPE (RUN15) BINARY PAPERTAPE	DEC-15-QMBA-PB	E /C
CHECKOUT PACKAGE TAPE (BASIC 8) SOURCE PAPERTAPE	DEC-15-QNZA-PA	E

15/10 16K

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MACRO-15 BINARY PAPERTAPE 1 OF 2	DEC-15-A5ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-A6ZA-PB	E /C
FORTRAN IV BINARY PAPERTAPE 1 OF 2	DEC-15-K5ZA-PB	E /C
BINARY PAPERTAPE 2 OF 2	DEC-15-K6ZA-PB	E /C
.LOAD BINARY PAPERTAPE	DEC-15-L3ZA-PB	E /C
EDIT BINARY PAPERTAPE	DEC-15-E3ZA-PB	E /C
PIP029 BINARY PAPERTAPE	DEC-15-P3ZA-PB	E /C
PIP026 BINARY PAPERTAPE	DEC-15-P6ZA-PB	E /C
DDT BINARY PAPERTAPE	DEC-15-J3ZA-PB	E /C
DDTNP BINARY PAPERTAPE	DEC-15-J6ZA-PB	E /C
CHAIN BINARY PAPERTAPE	DEC-15-Y3ZA-PB	E /C
EXECUTE BINARY PAPERTAPE	DEC-15-Z3ZA-PB	E /C
BTRAN BINARY PAPERTAPE	DEC-15-XEN4A-A-PB	E /C
FOCAL NON EAE BINARY PAPERTAPE	DEC-15-KJ5A-PB	E /C

TITLE	NUMBER	PRICE	CODE
FOCAL EAE BINARY PAPERTAPE	DEC-15-KJ8A-PB	E	/C
FOCAL BINARY PAPERTAPE	DEC-15-KJ1A-PB	E	/C
FNEW SOURCE PAPERTAPE	DEC-15-KJ2A-PA	E	
LIBR1 BINARY PAPERTAPE	DEC-15-FY1A-PB	E	/C
LIBR2 BINARY PAPERTAPE	DEC-15-FY2A-PB	E	/C
LIBR3 BINARY PAPERTAPE	DEC-15-FY3A-PB	E	/C
LIBR4A BINARY PAPERTAPE	DEC-15-FY4B-PB	E	/C
LIBR4B BINARY PAPERTAPE	DEC-15-FY5B-PB	E	/C
LIBR5A NON EAE BINARY PAPERTAPE	DEC-15-FY6B-PB	E	/C
LIBR5B EAE BINARY PAPERTAPE	DEC-15-FY7B-PB	E	/C
LIBR6 SOURCE PAPERTAPE	DEC-15-FY8A-PA	E	
LIBR7 BINARY PAPERTAPE	DEC-15-FY9A-PB	E	/C
EDITVP BINARY PAPERTAPE	DEC-15-E3SA-PB	E	/C
CHECKOUT PACKAGE TAPE (COMTST) SOURCE PAPERTAPE	DEC-15-QFCA-PA	E	
CHECKOUT PACKAGE TAPE (RUN15) BINARY PAPERTAPE	DEC-15-QMBA-PB	E	/C
CHECKOUT PACKAGE TAPE (BASIC8) SOURCE PAPERTAPE	DEC-15-QNZA-PA	E	

TITLE	NUMBER	PRICE CODE
<b>PDP-15 DIAGNOSTICS</b> -----		
PDP-15 BASIC DOC/PAPERTAPE KIT	ZM001-RB	0 /C
LOGIC HANDBOOK	EB-04583-75	
FORMS & CHECK LIST ENVELOPE		
USER'S GUIDE	MDEC-15-D9AA-D	
8K BASIC EXERCISER		
DOCUMENT	MDEC-15-D7BC-DN	
BINARY PAPERTAPE	-PB	
HARDWARE INDEX REGISTER TEST		
DOCUMENT	MDEC-15-DOAC-D	
BINARY PAPERTAPE	-PB	
INSTRUCTION TEST PART 1 AND 1A	MDEC-15-DOBO-D	
INSTRUCTION TEST, PART 1		
READ IN MODE PAPERTAPE	MDEC-15-DOB1-PH	
INSTRUCTION TEST PART 1A		
READ IN MODE PAPERTAPE	MDEC-15-DOB2-PH	
INSTRUCTION TEST PART 2		
DOCUMENT	MDEC-15-DOBD-D	
BINARY PAPERTAPE	-PB	
JMP-SELF TEST		
DOCUMENT	MDEC-15-DODA-D	
READ IN MODE PAPERTAPE	-PH	
JMP-Y INTERRUPT TEST		
DOCUMENT	MDEC-15-DOEA-D	
READ IN MODE PAPERTAPE	-PH	
ISZ TEST		
DOCUMENT	MDEC-15-DOKA-D	
READ IN MODE PAPERTAPE	-PH	
MEMORY ADDRESS TEST		
DOCUMENT	MDEC-15-DOCA-D	
READ IN MODE PAPERTAPE	-PH	
BASIC MEMORY CHECKERBOARD	MDEC-15-D1AO-D	
(HIGH AND LOW)		
BINARY PAPERTAPE (LOW)	MDEC-15-D1A1-PB	
BINARY PAPERTAPE (HIGH)	MDEC-15-D1A2-PB	
EXTENDED MEMORY CHECKERBOARD (MKCH15)		
DOCUMENT	MDEC-15-D1BC-D	
BINARY PAPERTAPE	-PB	
PDP-15 EXTENDED MEMORY CHECKERBOARD		
DOCUMENT	MDEC-15-DAMXA-A-D	
BINARY PAPERTAPE	-PB	
EXTENDED MEMORY TEST		
DOCUMENT	MDEC-15-D1CD-D	
BINARY PAPERTAPE	-PB	
EXTENDED MEMORY ADDRESS TEST		
DOCUMENT	MDEC-15-D1FA-D	
BINARY PAPERTAPE	-PB	
MEMORY ADDRESS TIMING TEST		
DOCUMENT	MDEC-15-D1GA-D	
BINARY PAPERTAPE	-PB	
JMS-Y INTERRUPT TEST		
DOCUMENT	MDEC-15-DAKAA-B-D	
BINARY PAPERTAPE	-PB	
LA36 TERMINAL DIAGNOSTIC		
DOCUMENT	MDEC-15-DALAA-B-D	
BINARY PAPERTAPE	-PB	
AA15A DOC/PAPERTAPE KIT	ZM101-RB	H /C
DTA915 - AA15 CALIBRATION TEST		
DOCUMENT	MDEC-15-D6AB-D	
BINARY PAPERTAPE	-PB	
AA15B DOC/PAPERTAPE ROUTINE KIT	ZM102-RB	H /C
AA15B CALIBRATION ROUTINES		
DOCUMENT	MDEC-15-D6TA-D	
BINARY PAPERTAPE	-PB	

TITLE	NUMBER	PRICE CODE
AD15 DOC/PAPERTAPE KIT	ZM103-RB	H /C
AD15 DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-D6GB-D -PB	
AF03 DOC/PAPERTAPE KIT	ZM105-RB	H /C
AF03 DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-D6QA-D -PB	
AF04-B DOC/PAPERTAPE KIT	ZM106-RB	H /C
AF04-B DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-D6RB-D -PB	
AFC DOC/PAPERTAPE KIT	ZM104-RB	H /C
AFC-15 EXERCISER DOCUMENT BINARY PAPERTAPE	MDEC-15-DAAFA-A-D -PB	
ASR33/35 DOC/PAPERTAPE KIT	ZM146-RB	K /C
ASR33/35 TELETYPE TEST PART 1 DOCUMENT BINARY PAPERTAPE	MDEC-15-D2AA-D -PB	
ASR33/35 TELETYPE TEST PART 2 DOCUMENT BINARY PAPERTAPE	MDEC-15-D2BB-D -PB	
BINARY COUNT PATTERN TEST TAPE TEST PAPERTAPE	MDEC-00-D2G3-PT	
BD15 DOC/PAPERTAPE KIT	ZM107-RB	H /C
BD15 CONTROL DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-D8FA-D -PB	
CRO3B DOC/PAPERTAPE KIT	ZM108-RB	J /C
CRO3B GDI CARD READER TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D2UA-D -PB	
CR BINARY CARD DECK (80P)	MDEC-15-D1B2-CB	
CR15 DOC/PAPERTAPE KIT	ZM109-RB	J /C
CR15 DIAGNOSTIC DOCUMENT BINARY PAPERTAPE BINARY CARD DECK	MDEC-15-DACRA-D -PB -CB	
DECTAPE BASED SYSTEM EXERCISER DOC/TAPE	ZM141-RC	L /C
DOCUMENT BINARY DECTAPE READ IN MODE PAPERTAPE	MDEC-15-DAGAA-A-D -UB DEC-15-LBAB-PH	
DP09A DOC/PAPERTAPE KIT	ZM110-RB	H /C
DATA COMMUNICATION SYSTEM IOT & DATA TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D8EB-D -PB	



TITLE	NUMBER	PRICE CODE	
FP15 DOC/PAPERTAPE KIT	ZM111-RB	M	/C
FP15 DIAGNOSTIC MAINTENANCE MODE STEP AND DISPLAY CONTROL PROGRAM DOCUMENT	MDEC-15-DOSC-D		
BINARY PAPERTAPE	-PB		
FP15 INSTRUCTION TEST, PART 1 DOCUMENT	MDEC-15-DOTA-D		
BINARY PAPERTAPE	-PB		
FP15 INSTRUCTION TEST, PART 2 DOCUMENT	MDEC-15-DOUA-D		
BINARY PAPERTAPE	-PB		
FP15 INSTRUCTION TEST, PART 3 DOCUMENT	MDEC-15-DOVA-D		
BINARY PAPERTAPE	-PB		
PDP-15 FLOATING POINT UNIT RANDOM EXERCISER DOCUMENT	MDEC-15-DOWA-D		
BINARY PAPERTAPE	-PB		
KA15 DOC/PAPERTAPE KIT	ZM112-RB	H	/C
I/O TEST (API) DOCUMENT	MDEC-15-DAAPA-A-D		
BINARY PAPERTAPE	-PB		
KE15 DOC/PAPERTAPE KIT	ZM113-RB	J	/C
EAE, PART 1 DOCUMENT	MDEC-15-DOGB-D		
BINARY PAPERTAPE	-PB		
EAE, PART 2 DOCUMENT	MDEC-15-DOHA-D		
BINARY PAPERTAPE	-PB		
KF15 DOC/PAPERTAPE KIT	ZM114-RB	H	/C
KF15 POWER FAIL TEST DOCUMENT	MDEC-15-DOJB-D		
BINARY PAPERTAPE	-PB		
KM15 DOC/PAPERTAPE KIT	ZM115-RB	H	/C
KM15 MEMORY PROTECT TEST DOCUMENT	MDEC-15-D1EC-D		
BINARY PAPERTAPE	-PB		
KT15 DOC/PAPERTAPE KIT	ZM116-RB	H	/C
KT15 MEMORY RELOCATE TEST BINARY PAPERTAPE	MDEC-15-DAKTA-A-PB		
LISTING	-LA		
LA30 DOC/PAPERTAPE KIT	ZM117-RB	H	/C
LA30 DECWRITER DIAGNOSTIC DOCUMENT	MDEC-15-DZLAA-A-D		
BINARY PAPERTAPE	-PB		
LA36 DOC/PAPERTAPE KIT	ZM139-RB	H	/C
LA36 TERMINAL DOCUMENT	MDEC-15-DALAA-B-D		
BINARY PAPERTAPE	-PB		

TITLE	NUMBER	PRICE CODE	
LP15C DOC/PAPERTAPE KIT	ZM118-RB	H	/C
LP15C PRINTER TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D2FA-D -PB		
LP15F DOC/PAPERTAPE KIT	ZM119-RB	H	/C
LP15F LINE PRINTER TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D2EC-D -PB		
LT09/LT19 DOC/PAPERTAPE KIT	ZM120-RB	H	/C
LT09/LT19 DIAGNOSTIC DOCUMENT READ IN MODE PAPERTAPE	MDEC-15-D8CB-D -PH		
ME15 DOC/PAPERTAPE KIT	ZM121-RB	L	/C
EXTENDED MEMORY CHECKERBOARD DOCUMENT BINARY PAPERTAPE	MDEC-15-DAMXA-A-D -PB		
EXTENDED MEMORY TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1CD-D -PB		
EXTENDED MEMORY ADDRESS TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1FA-D -PB		
MEMORY ADDRESS TIMING TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1GA-D -PB		
MK15A DOC/PAPERTAPE KIT	ZM122-RB	L	/C
EXTENDED MEMORY CHECKERBOARD DOCUMENT BINARY PAPERTAPE	MDEC-15-D1BC-D -PB		
EXTENDED MEMORY TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1CD-D -PB		
EXTENDED MEMORY ADDRESS TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1FA-D -PB		
MEMORY ADDRESS TIMING TEST DOCUMENT BINARY PAPERTAPE	MDEC-15-D1GA-D -PB		
8K BASIC EXERCISER (2P) DOCUMENT BINARY PAPERTAPE	MDEC-15-D7BC-DN -PB		
MP15 DOC/PAPERTAPE KIT	ZM123-RB	K	/C
PDP-15 BASIC MEMORY PARITY TEST DOCUMENT	MDEC-15-D1KO-D		
BASIC MEMORY PARITY TEST (LOW) BINARY PAPERTAPE	MDEC-15-D1K1-PB		
BASIC MEMORY PARITY TEST (HIGH) BINARY PAPERTAPE	MDEC-15-D1K2-PB		
EXTENDED MEMORY PARITY CHECKERBOARD DOCUMENT BINARY PAPERTAPE	MDEC-15-D1LA-D -PB		
MX15 DOC/PAPERTAPE KIT	ZM124-RB	H	/C
MX15 MEMORY MULTIPLEXOR KIT DOCUMENT BINARY PAPERTAPE	MDEC-15-D1MA-D -PB		

TITLE	NUMBER	PRICE CODE
PC15 DOC/PAPERTAPE KIT	ZM125-RB	K /C
HIGH SPEED READER TEST DOCUMENT	MDEC-15-D2CC-D	
BINARY PAPERTAPE	-PB	
READER TEST TAPE TEST TAPE	MDEC-15-D2CO-PT	
HIGH SPEED PUNCH TEST DOCUMENT	MDEC-15-D2DC-D	
BINARY PAPERTAPE	-PB	
RF15 BASED SYSTEM EXERCISER DOC/7 TRACK MAGTAPE KIT	ZM142-RF	L /C
PDP-15 SYSTEM EXERCISER	MDEC-15-DAQAA-A-D	
RF15 BASED SYSTEM EXERCISER	MDEC-15-DAQAC-A-D	
7 TRACK MAGTAPE	-M7	
SYSTEM EXERCISER RESTORE	MDEC-15-DAQAD-A-D	
BINARY PAPERTAPE	-PB	
READ IN MODE PAPERTAPE	DEC-15-LWZB-PH	
RF15 BASED SYSTEM EXERCISER DOC/9 TRACK MAGTAPE KIT	ZM142-RD	L /C
PDP-15 SYSTEM EXERCISER	MDEC-15-DAQAA-A-D	
RF15 BASED SYSTEM EXERCISER	MDEC-15-DAQAC-A-D	
9 TRACK MAGTAPE	-M9	
SYSTEM EXERCISER RESTORE	MDEC-15-DAQAD-A-D	
BINARY PAPERTAPE	-PB	
READ IN MODE PAPERTAPE	DEC-15-LWZB-PH	
RF15/RS15 DOC/PAPERTAPE KIT	ZM126-RB	L /C
RF15 DISK DATA DOCUMENT	MDEC-15-DARFA-A-D	
BINARY PAPERTAPE	-PB	
RF15 MULTI DISK DOCUMENT	MDEC-15-D5BB-D	
BINARY PAPERTAPE	-PB	
RF15 DISKLESS DOCUMENT	MDEC-15-D5CC-D	
BINARY PAPERTAPE	-PB	
RS09/15 ALIGNMENT PROGRAM DOCUMENT	MDEC-15-D5RA-D	
BINARY PAPERTAPE	-PB	
PDP-15 DECDISK SAVE/RESTORE BINARY PAPERTAPE	DEC-15-UPFB-PB	
PDP-15 DECDISK BOOTSTRAP (RF15BT) READ IN MODE PAPERTAPE	DEC-15-LWZB-PH	
RK15 DOC/PAPERTAPE KIT	ZM140-RB	N /C
RK11 BASIC LOGIC TEST I DOCUMENT	MDEC-11-DZRKJ-B-D	
BINARY PAPERTAPE	-PB	
RK11 BASIC LOGIC TEST II DOCUMENT	MDEC-11-DZRKK-B-D	
BINARY PAPERTAPE	-PB	
RK11/RK05 DYNAMIC TEST DOCUMENT	MDEC-11-DZRKL-B-D	
BINARY PAPERTAPE	-PB	
ABSL11 LOADER READ IN MODE PAPERTAPE	DEC-15-ODABA-A-PH	
RK11/RK11E DATA TEST DOCUMENT	MDEC-11-DZRKE-A-D	
BINARY PAPERTAPE	-PB	
RK11/RK05 PERFORMANCE EXERCISER DOCUMENT	MDEC-11-DZRKH-C-D	
BINARY PAPERTAPE	-PB	

TITLE	NUMBER	PRICE CODE
RK11 UTILITY PACKAGE DOCUMENT	MDEC-11-DZRKI-B-D	
BINARY PAPERTAPE	-PB	
DR11C DEVICE REGISTER TEST DOCUMENT	MDEC-11-DZDRC-F-D	
BINARY PAPERTAPE	-PB	
RK11/RK11E DATA TEST (PDP-15) DOCUMENT	MDEC-15-DARKA-A-PB	
BINARY PAPERTAPE		
UNI-CHANNEL 15 DIAGNOSTICS DOCUMENT	MDEC-15-DAUCA-D-D	
BINARY PAPERTAPES (2P)		
TAPE #1	-PB1	
TAPE #2	-PB2	
DEC/X11 TTY OUTPUT MODULE FOR PDP-15 DOCUMENT	MDEC-15-DAUCB-A-D	
BINARY PAPERTAPE	-PB	
UC15 MODULE FOR PDP-15 SYSTEM EXERCISER DOCUMENT	MDEC-15-DAUCC-A-D	
BINARY PAPERTAPE	-PB	
UC15 DEC/X11 EXERCISER MODULE DOCUMENT	MDEC-15-DAUCD-A-D	
BINARY PAPERTAPE	-PB	
RP15 BASED SYSTEM EXERCISER DOC/7 TRACK MAGTAPE KIT	ZM143-RF	L /C
PDP-15 SYSTEM EXERCISER	MDEC-15-DAQAA-A-D	
RP15 BASED SYSTEM EXERCISER	MDEC-15-DAQAB-A-D	
7 TRACK MAGTAPE	-M7	
SYSTEM EXERCISER RESTORE	MDEC-15-DAQAD-A-D	
BINARY PAPERTAPE	-PB	
READ IN MODE PAPERTAPE	DEC-15-ORPBA-A-PH	
RP15 BASED SYSTEM EXERCISER DOC/9 TRACK MAGTAPE KIT	ZM143-RD	L /C
PDP-15 SYSTEM EXERCISER	MDEC-15-DAQAA-A-D	
RP15 BASED SYSTEM EXERCISER	MDEC-15-DAQAB-A-D	
9 TRACK MAGTAPE	-M9	
SYSTEM EXERCISER RESTORE	MDEC-15-DAQAD-A-D	
BINARY PAPERTAPE	-PB	
READ IN MODE PAPERTAPE	DEC-15-ORPBA-A-PH	
RP15 DOC/PAPERTAPE KIT	ZM127-RB	L /C
RP15 FORMATTER DOCUMENT	MDEC-15-DARPC-A-D	
BINARY PAPERTAPE	-PB	
RP15 INSTRUCTION TEST DOCUMENT	MDEC-15-D5HB-D	
BINARY PAPERTAPE	-PB	
RP15 ADDRESS TEST DOCUMENT	MDEC-15-DARPB-A-D	
BINARY PAPERTAPE	-PB	
RP15 RANDOM DATA EXERCISER DOCUMENT	MDEC-15-DARPA-C-D	
BINARY PAPERTAPE	-PB	
RP15SP DOC/PAPERTAPE KIT	ZM128-RB	L /C
RP15SP FORMATTER DOCUMENT	MDEC-15-D5GB-D	
READ IN MODE PAPERTAPE	-PH	
RP15SP INSTRUCTION TEST DOCUMENT	MDEC-15-D5IB-D	
BINARY PAPERTAPE	-PB	
RP15 16 SECTOR ADDRESS TEST DOCUMENT	MDEC-15-D5PA-D	
READ IN MODE PAPERTAPE	-PH	
RP15 16 SECTOR RANDOM DATA EXERCISER DOCUMENT	MDEC-15-D5QB-D	
BINARY PAPERTAPE	-PH	

TITLE	NUMBER	PRICE CODE	
TC02 DOC/PAPERTAPE KIT	ZM129-RB	L	/C
TC02 BASIC EXERCISER, PART 1 DOCUMENT	MDEC-15-D3BB-D		
BINARY PAPERTAPE	-PB		
TC02 BASIC EXERCISER, PART 2 DOCUMENT	MDEC-15-DATCA-A-D		
BINARY PAPERTAPE	-PB		
TC02 DECTAPE RANDOM EXERCISER DOCUMENT	MDEC-15-D3RA-D		
BINARY PAPERTAPE	-PB		
DECTAPE FORMAT GENERATOR DOCUMENT	DEC-9A-EUFC-D		
BINARY PAPERTAPE	-PB		
TC59 DOC/PAPERTAPE KIT	ZM130-RB	L	/C
INSTRUCTION TEST DOCUMENT	MDEC-15-D4AC-D		
BINARY PAPERTAPE	-PB		
DRIVE FUNCTION TIMER DOCUMENT	MDEC-15-D4CC-D		
BINARY PAPERTAPE	-PB		
(7 TRACK) DATA RELIABILITY TEST DOCUMENT	MDEC-15-D4DB-D		
BINARY PAPERTAPE	-PB		
(9 TRACK) DATA RELIABILITY TEST DOCUMENT	MDEC-15-D4EB-D		
BINARY PAPERTAPE	-PB		
RANDOM EXERCISER DOCUMENT	MDEC-15-D4GC-D		
BINARY PAPERTAPE	-PB		
MTDUMP DOCUMENT	DEC-15-YWZB-DN4		
UC15 DOC/PAPERTAPE KIT	ZM131-RB	L	/C
UNI-CHANNEL-15 DIAGNOSTICS DOCUMENT	MDEC-15-DAUCA-D-D		
BINARY PAPERTAPES (2P)			
TAPE #1	-PB1		
TAPE #2	-PB2		
DEC/X11 TTY OUTPUT MODULE FOR PDP-15 DOCUMENT	MDEC-15-DAUCB-A-D		
BINARY PAPERTAPE	-PB		
UC15 MODULE FOR PDP-15 SYSTEM EXERCISER DOCUMENT	MDEC-15-DAUCC-A-D		
BINARY PAPERTAPE	-PB		
UC15 DEC/X11 EXERCISER MODULE DOCUMENT	MDEC-15-DAUCD-A-D		
BINARY PAPERTAPE	-PB		
ABSL11 LOADER READ IN MODE PAPERTAPE	DEC-15-ODABA-A-PH		
UDC-15 DOC/PAPERTAPE KIT	ZM132-RB	H	/C
UDC-15 SYSTEM FUNCTION EXERCISER DOCUMENT	MDEC-15-DAUDA-A-D		
BINARY PAPERTAPE	-PB		
VP15 DOC/PAPERTAPE KIT	ZM133-RB	I	/C
VP15/VP15M DISPLAY DOCUMENT	MDEC-15-D6BB-D		
BINARY PAPERTAPE	-PB		
VP15A GRAPHICS DOCUMENT	DEC-15-UXSB-D		

TITLE	NUMBER	PRICE CODE
VT05 DOC/PAPERTAPE KIT	ZM134-RB	H /C
VT05 TERMINAL DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-DAV5A-B-D -PB	
VT06 DOC/PAPERTAPE KIT	ZM135-RB	H /C
VT06 TERMINAL DIAGNOSTIC DOCUMENT BINARY PAPERTAPE	MDEC-15-D9CA-D -PB	
VT15 DOC/PAPERTAPE KIT	ZM136-RB	L /C
GRAPHIC-15 REFERENCE CARDS (10)		
VT15 GRAPHICS PROGRAMMING MANUAL DOCUMENT	DEC-15-GVTPA-A-D	
VT15 GRAPHICS BINARY PAPERTAPE	DEC-15-YFSB-PB	
VT15 INSTRUCTION TEST, PART 1 DOCUMENT	MDEC-15-DAVTB-A-D -PB	
VT15 INSTRUCTION TEST, PART 2 DOCUMENT	MDEC-15-DAVTA-A-D -PB	
VT15 VISUAL TEST DOCUMENT	MDEC-15-D6DD-D -PB	
VT15 LITTLE PICTURES DOCUMENT	MDEC-15-D6EC-D -PB	
VT15 MULTIPLEXOR DIAGNOSTIC DOCUMENT	MDEC-15-D6JA-D -PB	
VT15 MULTIPLEXOR DIAGNOSTIC DOCUMENT		
VT15 MULTIPLEXOR DIAGNOSTIC BINARY PAPERTAPE		
VT50A DOC/PAPERTAPE KIT	ZM144-RB	H /C
VT50A TERMINAL DIAGNOSTICS DOCUMENT	MDEC-15-DAVTF-A-D -PB	
VT50A TERMINAL DIAGNOSTICS DOCUMENT		
VT50A TERMINAL DIAGNOSTICS BINARY PAPERTAPE		
VW01 DOC/PAPERTAPE KIT	ZM137-RB	H /C
VW01 CONTROL TEST DOCUMENT	MDEC-15-D6HA-D -PB	
VW01 CONTROL TEST DOCUMENT		
VW01 CONTROL TEST BINARY PAPERTAPE		
XM-15 DOC/PAPERTAPE KIT	ZM145-RB	H /C
XM15 MEMORY MANAGEMENT DOCUMENT	MDEC-XV-DAKXA-A-D -PB	
XM15 MEMORY MANAGEMENT DOCUMENT		
XM15 MEMORY MANAGEMENT BINARY PAPERTAPE		
XY15 DOC/PAPERTAPE KIT	ZM138-RB	H /C
XY15 CALCOMP PLOTTER TEST DOCUMENT	MDEC-15-D80A-D -PB	
XY15 CALCOMP PLOTTER TEST DOCUMENT		
XY15 CALCOMP PLOTTER TEST BINARY PAPERTAPE		

TITLE	NUMBER	PRICE CODE
<b>MISCELLANEOUS DIAGNOSTICS</b> -----		
ADF15 TIME AND NOISE TEST DOCUMENT	MDEC-15-DAADA-A-D	F /C
BINARY PAPERTAPE	-PB	E /C
ADF15 EXERCISER/DIAGNOSTIC DOCUMENT	MDEC-15-DAADB-A-D	F /C
BINARY PAPERTAPE	-PB	E /C
4K BASIC EXERCISER DOCUMENT	MDEC-15-D7AA-D	F /C
BINARY PAPERTAPE	-PB	E /C
HOT MEMORY TEST MKII HOTMEM DOCUMENT	MDEC-15-D1HA-D	F /C
BINARY PAPERTAPE	-PB	E /C
DPO 9AS (SPECIAL) TEST DOCUMENT	MDEC-15-DADPA-A-D	F /C
BINARY PAPERTAPE	-PB	E /C
EP01 DIAGNOSTIC DOCUMENT	MDEC-15-DAECA-A-D	F /C
BINARY PAPERTAPE	-PB	E /C
<b>LISTINGS</b>		
PDP-15 SYSTEM EXERCISER	MDEC-15-DAQAA-A-LA	M /C
RP15 BASED SYSTEM EXERCISER	MDEC-15-DAQAB-A-LA	F /C
RF15 BASED SYSTEM EXERCISER	MDEC-15-DAQAC-A-LA	F /C

ENGINEERING DRAWINGS

TITLE	NUMBER	PRICE CODE	TITLE	NUMBER	PRICE CODE
AA05		H	MX15		H
AA05-BA		H	NP02-LA		H
AA05-CA		H	PC09		H
AA07		H	PC15		H
AA07-C		H	PDP 15 VOL II		H
AA15		H	PDP 15		H
AC01-A		H	PDP 15-C		H
AD15		H	PT09-BFX		H
AFC15		H	RF09		H
AM01-A		H	RF09-T		H
BB15		H	RF15/RS09		H
BD15		H	RM09		H
BV04		H	RP09		H
CR15		H	RP15		H
DA07		H	RS09		H
DA09-A		H	RS09-A		H
DA09-B		H	RS09-B		H
DB08-A		H	RS09-C		H
DB09-A		H	RS09-D		H
DC01-ED		H	RS09-TA		H
DM09-A		H	TC15		H
DM09-L		H	TC50		H
DP09-A		H	TC59		H
DR09-A		H	TRO6-E		H
DR09-B		H	TUS5		H
DW15-A		H	TUS5-A		H
FP15		H	TUS6		H
KA15		H	UC15-F		H
KC09-A		H	UDC15		H
KC09-C		H	VLO4		H
KD09-A		H	VP09		H
KD09-C		H	VP15		H
KD15		H	VP15-BL		H
KE09-A		H	VP15-C		H
KE09-C		H	VR14		H
KE15		H	VR20		H
KF09-A		H	VT01		H
KG09 B&C		H	VT04		H
KG09-D		H	VT15		H
KM15		H	XM15	MP00013	H
KP09-A		H	XY15-AA		H
KT15		H			H
KW09-L		H			H
KX09-A		H			H
KY09		H			H
LA30		H			H
LA36		H			H
LK01		H			H
LK35-A		H			H
LP01		H			H
LP02		H			H
LP09-C&D		H			H
LP15-A		H			H
LP15-C		H			H
LP15-F		H			H
LT15		H			H
LT19		H			H
LT19-A		H			H
LT19-B		H			H
MC70-B		H			H
MC71-A		H			H
MC71-B		H			H
ME09		H			H
ME15		H			H
MF15-U	MP00009	H			H
MK15		H			H
MM09		H			H
MM09-B&C		H			H
MM15		H			H
MP09-A		H			H
MP15		H			H



DIRECTORY INDEX

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DIRECTORIES NOT LISTED BELOW ARE NOT AVAILABLE.

CODE

DEC-15-FZ1A-UC

FILES INCLUDED: (SRC)FILA1,  
FILAS,FILLD,MOVA1,MOVED,A1A5,  
ICOMP,NZONE,NOMP,MOVA5,EDIT,  
GET,WHOLE,PUT,ASA1 (BIN)FILAS,  
FILA1,FILLD,MOVA1,MOVED,A1A5,  
ICOMP,NZONE,NCOMP,MOVA5,EDIT,  
GET,WHOLE,PUT,ASA1

DEC-15-IRFLA-A-UA1

FILES INCLUDED: (035)FIOPS  
(020)BINIO (016)AUXIO (007)  
RBCDIO (006)RBINIO (014)  
RANCOM (017)DDID (003)EDCODE  
(000)EOF (001)UNIT (010)FILE  
(004).FLT (009).SS (004).CB  
(011).DA (003)GOTO (007)STOP  
(006)PAUSE (012)SPMSG (013)  
OTSER (003)PARTWD (018).FPP  
(011)TIME (000).DJ,ERRSET,  
.BP,.FP (010)TIME10 (001)  
IFLOW,IDZERO,ISENSW (002)  
IOERR (018)DEFINE

DEC-15-IRFLA-A-UA2

FILES INCLUDED: (007)IMNMX,  
DSQRT,DBLINT (011)RMNMX (009)  
DMNMX (003)JMMNX (008)SQRT,  
ATAN2,DATAN2,.EF,ENTERE (002)  
EXP,ALOG,ALOG10,DCOS,ATAN,EE  
(001)DEXP,DLOG10,DSIN,DATAN,  
.DF,.EC,DC (003)DLOG,SIN,COS,  
.DE (004)TANH,.EB,.DB (006).ED,  
DD (07P)INTEAE (016)RELEAE  
(10P)RELEAE

DEC-15-IRFLA-A-UA3

FILES INCLUDED: (004).BB,.BI,  
SIGN,DSIGN,JSIGN,SNGL,DOUBLE,  
DMOD (010).BC,.BD (006).BE  
(005).BF,.BH,IDENT (008).BG  
(002)ABS,AINT,INT,DIM,FLOAT,  
IFIX,ISNGL,ADRMAR,ADRSET  
(000)IABS,ISIGN,IDIM,MOD  
(001)JABS,DABS,JDIM,DBLE,JFIX,  
FLOATJ,ADSMAR,ADSTRT,ADSTOP,  
ADCON,ADDIS,JDBLE,JDFIX  
(003)AMOD,JMOD,ADSSSET (048)  
BCDIO

DEC-15-IRFLA-A-UA4

FILES INCLUDED: (SRC)CLOF.5,  
EXU.11,RUNF.5,REQF.2,SCHF,  
DATF.5,SYNF.4,CANF.3,RESF.3,  
FIXF.3,UNFF.4,DISF.3,ENAF.4,  
ATTF.3,DETF.2,SEEF.2,ENTF.2,  
DELF.1,DSAF.6,DSDF.4,DSGP.1,  
RENF.1,MARF.3,WAFF.2,SUSF.1  
EXIF.1,FTS.3,HINF.1,UPKF.0,  
WAIF.1,RDP.1,DOUT.0,RDDI.6,  
RFIN.0,RBCD.2,AI.3,SPYF.1,  
BMF.1,LAB.3,MNT.1,BSF.1,  
BSP.1,SPE.2,SPR.1,SPF.1,RDC.2  
SPYS.1,SPYR.0,MTGP.2,QJOB.1,  
EXQT.1 (001)COMCOM (000).FP,  
.BP

DEC-15-IRHSA-A-UA1

FILES INCLUDED: (SRC)PP.13,  
PR.15 (072)RFRES,RFOPEN,RFDEL  
(073)RFCLOS,RFCREA (70)RFREAD

DEC-15-IRHSA-A-UA2

FILES INCLUDED: (SRC)MT.24,CP,  
DT.61,UD.13,AF.10 (010)MTREA9,  
MTWRA7 (015)MTRWB (008)MTWRA9  
(017)MTMOV,AD (007)MTREA7,  
MTPGET,CC

CODE

DEC-15-IRHSA-A-UA3

FILES INCLUDED: (020)CD (SRC)  
LP.30

DEC-15-IRMFA-A-UA1

FILES INCLUDED: (SRC)SAV.27,  
INS.07,DOS.10,OPE.64,REA.32,  
TAS.61,DSM.05,MNT.09,REM.13,  
ADV.02,ASP.05,ETI.11,ABO.5,  
CAN.5,COM.10,DAT.11,DEV.9,  
DIS.5,ENA.5,FIX.10,PAR.11,  
REQ.11,RES.5,RUN.10,SCH.12,  
SYN.10,TIM.5,UNF.1

DEC-15-IRMFA-A-UA2

FILES INCLUDED: (SRC)RCF.15,  
DEQ.03,CON.8,MQT.7,COPHM,DTC.3,  
DTDUMY,LOG.3,CANCOP,RX.13 (004)  
AUTORM,DTCLOS,DTENGR,DTSEEK,  
DTWRIT,DTREAD,DTASGN,SATCHK,  
POLLER (007)SLICE,COPST (005)  
DTRUN,TTY10,INTERN (010)FININS  
(002)NODCNT (020)RSX.BT (003)  
SPOOL

DEC-15-IRTFA-A-UA1

FILES INCLUDED: (SRC)DIR.70,  
NEW.3,DTD.15,FIN.26,DEL.26,  
REN.15 (046)F4PI

DEC-15-IRTFA-A-UA2

FILES INCLUDED: (091)MACR15  
(020)CREF (SRC)MAC.8,TDC.1

DEC-15-IRTFA-A-UA3

FILES INCLUDED: (034)EDIT15  
(046)F4P2

DEC-15-IRUSA-A-UA1

FILES INCLUDED: (050)RSX.P1

DEC-15-IRUSA-A-UA2

FILES INCLUDED: (050)RSX.P2  
(013)FININS (003)MODCNT (005)  
AUTORN,ROLLER (006)SATCHK

DEC-15-IRUSA-A-UA3

FILES INCLUDED: (SRC)XY.11,  
MT.25,LF.31,BAT.31,V7.23,  
VPP.34 (018)MTMOV

DEC-15-IRUSA-A-UA4

(FILES INCLUDED: (SRC)INS.09,  
REA.33,BIN.11,DOS.12,CON.10,  
BCON.8,FIN.27,DTC.5,DSN.06,  
RSP.06,SLICE,DEQ.04 (008)  
STROBE

DEC-15-IRUSA-A-UA5

FILES INCLUDED: (051)F4RXI

DEC-15-IRUSA-A-UA6

FILES INCLUDED: (051)F4RXE  
(019)DEFINE

DEC-15-LALGA-A-UA1

FILES INCLUDED: (305)ALCP1  
(SRC)BOSPAR,V5APAR

DEC-15-LALGA-A-UA2

FILES INCLUDED: (305)ALCP2  
(304)ALCP3,ALCP4 (SRC)BOSPAR,  
V5APAR

DEC-15-LALGA-A-UA3

FILES INCLUDED: (003)%DA,RTP,  
FPPALG (SRC)%BC,%DS,%DJ,%ED,  
%CT,%DP,%DN,%EJ,%BW,%CU,%CX,  
%DI,%DH,%DR,%CV,%DT,%AF,%DL  
(001)%CP,%CW,%AK,%CZ,%CQ,  
ENTIER (002)%CS,%CR,ARRAY

## CODE

DEC-15-MMUDB-A-UA1  
FILES INCLUDED: (SRC)MUDC10,  
MUMT10,MURP10,MONY10,MUCR10,  
SLPR10,MULP10,MURF10,MUBF10,  
MUPT10,MDMP10

DEC-15-MMUDB-A-UA2  
FILES INCLUDED: (010)MUPAK,  
MULOAD,MURES,MUBOOT

DEC-15-MMUDB-A-UA3  
FILES INCLUDED: (SRC)MUMP15

DEC-15-OADSB-A-UC1  
FILES INCLUDED: (BIN).LOAD,  
DDT,EXECUT,INTEAE,INTNON,  
RELEAE,RELNON,LIBR,FOCAL,  
8TRAN,TIME,TIME10 (SRC)FNEW  
(XCT)FOCAL (XCU)FOCAL (SYS)  
KM15,SKPBLK,IOBLK,SGNBLK,  
SYSHAN,YSBLK,SYSLD,BITMAP,  
DIRECT,F4I,MACROI,EDIT,  
EDITVP,PIP,MACRO,CHAIN,F4,  
DUMP,DTCOPY,PATCH,UPDATE,  
SRCCOM,SGEN

DEC-15-OADSB-A-UC2  
FILES INCLUDED: (BIN)LPA.15,  
LINE,FORT,NUVAL,VPA,S,MTA,  
MTC,MTDUMP,DPA,MTF,DPB,DPF,  
DPC,DPD,DPE,VPA (SRC)BCDB,  
CDB (002),DKSBT,DTSBT,  
(008),RFSBT (ABS)KMS15,KM9-15,  
KMS915 (IMG),DTSBT,.RFSBT

DEC-15-OADSB-A-UC3  
FILES INCLUDED: (BIN).LOAD,DDT,  
EXECUT,INTEAE,INTNON,RELEAE,  
RELNON,LIBR,FOCAL,8TRAN,  
89TRAN,TIME,TIME10 (SRC)FNEW  
(XCT)FOCAL (XCU)FOCAL (SYS)  
KM9-15,SKPBLK,IOBLK,SGNBLK,  
SYSHAN,YSBLK,SYSLD,BITMAP,  
DIRECT,F4I,MACROI,EDIT,EDITVP,  
PIP,MACRO,CHAIN,F4,DUMP,  
DTCOPY,PATCH,UPDATE,SRCCOM,  
SGEN

DEC-15-OADSB-A-UC4  
FILES INCLUDED: (BIN)DRA,DRB,  
DRC,DRD,LPA,VPA,S,VPA,LINE,  
FORT,NUVAL,DKA,DKB,DKC,DKD,  
DYA,4,MAINFL,SUBPIC,INTPT,  
TRCK2,BLANK,DYLDL,DYCHR,  
SUBPVA,MTA,MTC,MTF,MTDUMP  
(002),DKSBT,DTSBT (SRC)CDB  
BCDB (ABS)KMS915 (008),RFSBT  
(IMG),DTSBT,.RFSBT,.DKSBT

DEC-15-OASSA-A-UA1  
FILES INCLUDED: (007)SGEN  
(010),SGEN2 (019)KM9/15 (002)  
.SGEN3,SGNBLK (000)SKPBLK

DEC-15-OASSA-A-UA3  
FILES INCLUDED: (002)PIP13A  
(000)8TRAN,89TRAN (004)DUMPV7  
(030),SYSLD (005)DTCOP (001)  
UPDAT8

DEC-15-OASSA-A-UA4  
FILES INCLUDED: (014)RFA  
(007)RFB (008)RFC,.RFSBT  
(013)RFD (012)RFE (022)RFF  
(010)RFSAV (002),DTSBT  
(000)VPA,S,PPA,PPB,PPC,PRA,  
PRB,VPA,FORT (SRC)LINE,NUVAL

DEC-15-OASSA-A-UA5  
FILES INCLUDED: (005)DTA  
(003)DTB,DTC (007)DTD,DTE,  
DTF (001)MTA (000)MTC  
(002)MTF

DEC-15-OASSA-A-UA6  
FILES INCLUDED: (007)F4  
(015)EDIT

## CODE

DEC-15-OASSA-A-UA7  
FILES INCLUDED: (012)MTDUMP  
(003)DDT (013).LOAD,EDITVP

DEC-15-OASSA-A-UA8  
FILES INCLUDED: (041)MACR15  
(001)IMBD02 (009)CREF

DEC-15-OASSA-A-UA9  
FILES INCLUDED: (000)DYA.4,  
MAINFL,SUBPVA,INTPT,TRCK2,  
BLANK,DYLDL,DYCHR,SUBPIC,  
DRA,DRB,DRD,CDB (001)DRC  
(002)BCDB

DEC-15-OASSA-A-UA10  
FILES INCLUDED: (023)FOCAL  
(003)FNEW,DKA (005)SRCCOM  
(002)DKB,DKC,DKSBT (001)  
DKD,DKSAV (004)AREA

DEC-15-OASSA-A-UA14  
FILES INCLUDED: (007)DPA,DPF  
(006)DPR (003)DPD (014)DPE  
(004)DPC (029)LPA.15 (000)LPA

DEC-15-OBF1A-A-UA  
FILES INCLUDED: (052)RESMON  
(025)BFNRM

DEC-15-OBF2A-A-UA  
FILES INCLUDED: (019)CDB,DKA  
(002)COA,PRA (020)RFA (005)  
PPA (044)DTA (021)MTA.F

DEC-15-OBF3A-A-UA  
FILES INCLUDED: (030),SYSLD  
(024)BFLOAD (008)PATCH (011)  
DDT (017)BFLPA

DEC-15-OBF4A-A-UA  
FILES INCLUDED: (101)BFSGEN  
(007)SRCCOM (133)CHAIN (041)  
EXECUT

DEC-15-OBF6A-A-UA  
FILES INCLUDED: (007)F4 (015)  
EDIT

DEC-15-OBFSA-A-UA10  
FILES INCLUDED: (010)LP.09  
(006)LP.647 (001)PIP14A

DEC-15-OBFSA-A-UA5  
FILES INCLUDED: (007)F4 (023)  
FOCAL (004)AREA (003)FNEW  
(010)DTCOPY

DEC-15-OBFSA-A-UA7  
FILES INCLUDED: (042)MACR15  
(001)UPDAT8 (006)CREF (004)  
DUMPV7

DEC-15-OBFSA-A-UA8  
FILES INCLUDED: (011)BCDIO  
(03P)IMNMX,RMNMX (04P)DMNMX  
(01P)DA (005)FIOPS,PAUSE  
(007)TIME (006)TIME10 (08P)  
RELEAE (001)IFLOW,IDZERO,  
ISENSW (06P)INTEAE (004).SS,  
BINIO,AUXIO,DOUBLE,SPMSG (002)  
.BB,.BC,.BD (003).BE,.BF,.BG,  
.BH,GOTO,STOP,OTSER,FILE,.CB

DEC-15-OBFSA-A-UA9  
FILES INCLUDED: (004)ATAN2,  
DATAN2 (000).DC,ABS,IABS,DABS,  
AINT,INT,IDINT,AMOD,MOD,DMOD,  
FLOAT,IFIX,ISIGN,DIM,IDIM,  
SNGL,OBLE,.EE,.EF,.EC,DSIN,  
DCOS,DATAN,DEXP,DLOG10,DE,  
DF,ADJ1,ADJ2,ADJ3 (001)SIN,  
COS,ATAN,EXP,ALOG,ALOG10,  
TANH (002)SIGN,DSIGN,EB,ED,  
DSQRT,DLOB,.DB,.DD (003)SORT

## CODE

DEC-15-OBFSC-A-UC1  
 FILES INCLUDED: (BIN), IOBLD, PIP,  
 BFLOAD, DDT, EXECUT, FOCAL, FOCAL2,  
 F4LIB, IDLE, TIME, TIME10 (SRC)  
 CDB (002), DTSBT (019)CDB (API)  
 RESMON (SYS)SYSBLK, SYSLD,  
 BFKM15, BITMAP, DIRECT, BFSGEN,  
 EDIT, PIP, MACRO, CHAIN, F4, MACROA,  
 F4A, DUMP, DTCOPY, PATCH, UPDATE,  
 SRCCOM

DEC-15-OBFSC-A-UC2  
 FILES INCLUDED: (BIN), F4LIB,  
 PIP, IOLIB, DDT, BFLOAD, FOCAL,  
 EXECUT, TIME, IDLE, TIME10, LP.647,  
 LP.09 (019)CDB (022), DTSBT (V02)  
 KM15BT (API)RESMON (SYS)SYSBLK,  
 SYSLD, BFKM15, BITMAP, DIRECT, BFSGEN,  
 EDIT, PIP, MACRO, CHAIN, F4, MACROA, F4A,  
 DUMP, DTCOPY, PATCH, UPDATE, SRCCOM

DEC-15-OBFSC-A-UC3  
 FILES INCLUDED: (BIN), IOLIB,  
 FOCAL2, EXECUT, FOCAL, BFLOAD, DDT, IDLE,  
 PIP, TIME, TIME10, F4LIB (019)CDB  
 (008), RFSBT (API)RESMON (SYS)SYSBLK,  
 SYSLD, BFKM15, BITMAP, DIRECT, BFSGEN,  
 EDIT, PIP, MACRO, CHAIN, F4, MACROA, F4A,  
 DUMP, DTCOPY, PATCH, UPDATE, SRCCOM

DEC-15-OBFSC-A-UC4  
 FILES INCLUDED: (BIN), F4LIB, PIP,  
 IOLIB, DDT, BFLOAD, FOCAL, EXECUT,  
 TIME, IDLE, TIME10, LP.647, LP.09  
 (019)CDB (008), RFSBT (API)RESMON  
 (SYS)SYSBLK, SYSLD, BFKM15,  
 BITMAP, DIRECT, BFSGEN, EDIT, PIP,  
 MACRO, CHAIN, F4, MACROA, F4A, DUMP,  
 DTCOPY, PATCH, SRCCOM

DEC-15-OBFSC-A-UC5  
 FILES INCLUDED: (BIN), F4LIB, PIP,  
 IOLIB, DDT, BFLOAD, EXECUT, TIME,  
 IDLE, TIME10, LP.647, LP.09 (019)  
 CDB (002), DKSBT (API)RESMON  
 (SYS)SYSBLK, SYSLD, BFKM15, BITMAP,  
 DIRECT, BFSGEN, EDIT, PIP, MACRO,  
 CHAIN, F4, MACROA, F4A, DUMP, DTCOPY,  
 PATCH, UPDATE, SRCCOM (BIB)FOCAL

DEC-15-ODSRA-A-UA1  
 FILES INCLUDED: (074)DOSNRM  
 (084)RESMON

DEC-15-ODSRA-A-UA2  
 FILES INCLUDED: (020)SGNBLK  
 (013)SYSBLK (053)SYSLD (029)  
 LOAD

DEC-15-ODSRA-A-UA3  
 FILES INCLUDED: (010)DTCOPY  
 (014)DUMP (018)PATCH (005)  
 MTDUMP (045)SGEN

DEC-15-ODSRA-A-UA4  
 FILES INCLUDED: (012)DDT  
 (011)SRCCOM (025)FOCAL (001)  
 STRAN, 89TRAN

DEC-15-ODSRA-A-UA5  
 FILES INCLUDED: (145)CHAIN  
 (022)EDIT15 (050)EXECUT (004)  
 FNEW

DEC-15-ODSRA-A-UA6  
 FILES INCLUDED: (020)CREP  
 (086)MACR15 (010)QFILE

DEC-15-ODSRA-A-UA7  
 FILES INCLUDED: (104)DOSPIP  
 (003)INSERR (002)INSTRC  
 (005)UPDATE (004)INSALL

DEC-15-ODSRA-A-UA8  
 FILES INCLUDED: (031)CD.DOS,  
 (140)DOSRFA (004)LPA.09 (049)  
 LPA.15 (002)LP.674 (020)LPU  
 (032)XYLL

## CODE

DEC-15-ODSRA-A-UA9  
 FILES INCLUDED: (023)DTA (003)  
 DTC (006)DTD, DTE (007)DTF  
 (004)MTA (000)MTC (012)MTF  
 (001)PPA

DEC-15-ODSRA-A-UA10  
 FILES INCLUDED: (001)PPB, PPC  
 (005)DOSBCD (000)PRA, PRB (014)  
 RKBOOT, RFBOOT (006)RPBOOT (065)  
 DOSSAV

DEC-15-ODSRA-A-UA11  
 FILES INCLUDED: (007)IMNMX,  
 DSQRT (001)RMNMX, DEXP, DLOG10,  
 DSIN, DATAN, DF, EC, DC (009)  
 DMNMX (003)JMNMX, DLOG, SIN, COS,  
 DE (008)SQRT, ATAN2, DATAN2,  
 FF, INTEAE (002)EXP, ALOG, ALOG10,  
 DCOB, ATAN, EE (004)TANH, FB,  
 DB (006), FD, DD (07P)INTEAE  
 (016)INTEAE (10P)INTEAE

DEC-15-ODSRA-A-UA12  
 FILES INCLUDED: (004)BB, BI,  
 SIGN, DSIGN, JSIGN, SNGL, DOUBLE,  
 DMOD (010)BC, BD (006)BF (005)  
 BF, BH, IDINT (002)ABS, AINT, INT,  
 DIM, FLOAT, IFIX, ISNGL (000)  
 IABS, IDIM, JDIM (001)JABS, DABS,  
 JFIX, JDBLE, JDFIX, FLOATJ (000)  
 ISIGN, MOD (003)JMOD (008)BG  
 (048)BCDIO

DEC-15-ODSRA-A-UA13  
 FILES INCLUDED: (035)FIOPS, (020)  
 BINIO (016)AUXIO (017)DEFINE, (007)  
 RBCDIO, (006)RBINIO, PAUSE (014)  
 RANCOM, (017)DDIO, (003)EDCODE, GOTO,  
 PARTWD, (000)EOF, DJ, ERRSET, BP, FP,  
 (001)UNIT, IFLOW, IDZERO, ISENWS, HOSTf,  
 (010)FILE, TIME10, (004).FLTb, CB,  
 (009).SS, (011).DA, TIME, (008)STOP,  
 (012)SPMSG, (013)OTSER, (018).FPP,  
 (002)IOERK

DEC-15-ODSRA-A-UA14  
 FILES INCLUDED: (049)F4P1

DEC-15-ODSRA-A-UA15  
 FILES INCLUDED: (049)F4P2

DEC-15-ODSRA-A-UA16  
 FILES INCLUDED: (000)NUVAL,  
 DYLDL, LIX, LKA (SRC)VECTOR,  
 CIRCLE, ROTATE (002)LTORPB, FURT  
 (004)TRACK, VTPRIM, VTA (013)  
 VPA (003)VWA

DEC-15-ODSRA-A1-UA17  
 FILES INCLUDED: (007)MACIMG  
 (014)MACINT (A25)SPOL11 (003)  
 SPLIMG (405)INSALL (024)SPOL15  
 (118)PIREX

DEC-15-OV3BA-A-UA1  
 FILES INCLUDED: (015)RKBOOT  
 (133)PIREX (007)MACIMG (V06)  
 INSALL (015)ABSL11

DEC-15-OV3BA-A-UA2  
 FILES INCLUDED: (A40)SPOL11  
 (013)SPLGEN (158)SPOL15 (008)  
 SPLIMG

DEC-15-OV3BA-A-UA3  
 FILES INCLUDED: (107)DOSPIP  
 (014)MTDUMP

DEC-15-OV3BA-A-UA4  
 FILES INCLUDED: (047)SGEN  
 (030)EDIT15

DEC-15-OV3BA-A-UA5  
 FILES INCLUDED: (086)RESMON  
 (079)DOSNRM (023)SGNBLK (007)  
 FASTEX

## CODE

DEC-15-OV3BA-A-UA6  
FILES INCLUDED: (006)MTA,DTA  
(147)DOSRFA

DEC-15-OV3BA-A-UA7  
FILES INCLUDED: (055)F4X1  
(031).LOAD (067)DOSSAV (011)  
DTCOPY

DEC-15-OV3BA-A-UAB  
FILES INCLUDED: (055)F4X2

DEC-15-OV3BA-A-UB1  
FILES INCLUDED: (AUC)RESMON  
(ABS)RESMON,DKL,DPL,RKL (BUC)  
DOSNRM (BIN)DOSNRM,PIP,EDIT,  
EDITVP,EDITVT,DTCOPY,MTDUMP,  
SGEN (RKA)SGNBLK (RFA)SGNBLK  
(PAG).LOAD,FASTEX (BNK).LOAD,  
FASTEX (IMG)DOSSAV,ABSL11 (RPA)  
SGNBLK

DEC-15-OV3BA-A-UB2  
FILES INCLUDED: (BIN)MTA,DTA,  
DKA,DKB,DKC,F4X,DPA,DPB,DPC,  
FPF4X,RKA,RKB,F4X9,RKC

DEC-15-SRDB-U11  
FILES INCLUDED: (000)ERRSET  
(07P)INTEAE,INTNON (006)  
IMNMX,PAUSE (005)STOP (007)  
DBLINT,RBCDIO (017)BINIO  
(10P)RELEASE,RELNON (011)  
RANCOM,TIME,IFLOW,IDZERO,  
SPMSG,DA (010)TIME10  
(015)AUXIO,RELNON (004).CB,  
.FLT, .BB,DOUBLE (032)FIOPS  
(013)OTSER (008).SS,INTEAE,  
INTNON (002)IOERR,FLOAT,  
EDCODE (009)FILE (001)ISENEW,  
UNIT (003)GOTO (014)DEFINE  
(000)IABS,MOD,ISIGN,IDIM,ADJ1,  
ADJ2,ADJ3,EOF (016)RELEASE

DEC-15-SWZA-U11  
FILES INCLUDED: (003)ATAN2,  
SQRT,DATAN2 (002)INTRIN,SIGN,  
DSIGN,EB,ED,DSQRT,DLOG,DD,  
DB (001)EXTERN,SIN,COS,ATAN,  
EXP,ALOG,ALOG10,TANH (000)  
DC,ABS,IABS,DABS,AINT,INT,  
IDINT,AMOD,MOD,OMOD,FLOAT,  
IFIX,DELOG10,DE,DF,ADJ1,  
ADJ2,ADJ3,ISIGN,DIM,IDIM,  
SNGL,DBLE,.EE,.EF,.EC,DSIN,  
DCOS,DATAN,DEXP

DEC-15-SWZA-U12  
FILES INCLUDED: (03P)IMNMX,  
RMNMX (04P)DMNMX (01P).DA  
(011)BCDIO (005)FIOPS,PAUSE  
(007)TIME (006)TIME10 (08P)  
RELEASE (07P)RELNON (001)IFLOW,  
IOZERO,ISENSW (06P)INTEAE,  
INTNON (004).SS,BINIO,AUXIO,  
DOUBLE,SPMSG (002).BB,.BC,.BD  
(003).BE,.BF,.BG,.BH,GOTO,  
STOP,OTSER,FILE,.CB

DEC-15-SWZA-U13  
FILES INCLUDED: (011)BCDIO  
(005)FIOPS,PAUSE (007)TIME,  
INTNON,INTEAE (006)TIME10  
(014)RELEASE (012)RELNON  
(001)IFLOW,IDZERO,ISENSW  
(004).SS,BINIO,AUXIO,DOUBLE,  
SPMSG (002).BB,.BC,.BD (003)  
.BE,.BF,.BG,.BH,GOTO,STOP,  
OTSER,FILE,.CB (03B)IMNMX,  
DMNMX (04B)RMNMX (01B).DA

DEC-15-SWZA-U15  
FILES INCLUDED: (010)F4STP1

## CODE

DEC-15-SWZA-U16  
FILES INCLUDED: (010)F4STP2

DEC-15-SWZA-U2  
FILES INCLUDED: (133)CHAIN  
(007)F4 (008)PATCH (041)  
EXECUT

DEC-15-UF2B-D  
FILES INCLUDED: (SRC)CH00,  
CH01,CH03A,CH03B,CH06A,CH18,  
CH06B,CH07,CH08,CH09A,CH09B,  
CH10A,CH10B,CH11A,CH11B,CH12,  
CH13A,CH15A,CH15B,CH16,CH17A,  
CH21,CH22A,CH22B,CH25A,CH25B,  
CH25C,CH26A,CH26B,CH27A,CH27B,  
CH10A,CH11A,CH11B,CH12,CH15A,  
CH16,CH17A,CH17B,CH22A,CH22B,  
CH26A,CH26B,CH27A,CH27B,.LIBR5,  
RELEASE

DEC-15-ZFTA-UA  
FILES INCLUDED: (SRC)COPY,  
DAR1,DAR2,DAR3,DAR4,DAR5,DAR6,  
DAR7,DAR8,DAR9,DAR10,DAR11,DAR12,  
DAR13,DAR14,DAR15,DAR16,DAR17,  
DAR18,DAR19,DAR20,DAR21,DAR22,  
DAR23,DAR24,DAR25,DAR26,DAR27,  
DAR28,DAR29,DAR30

DEC-15-ZZ1A-UC  
FILES INCLUDED: (SRC)CSMP,CSMO,  
CSM1,CSM2,CSM3,CSM4,CSM5,CSM6,  
CSM7,CSM8,CSM8A,CSM10,CSM11,  
CSM12,CSM13,INUNIT,FINPUT,  
BDATA,RSAC (BIN)CSMP,CSMO,  
CSM4,CSM2,CSM3,CSM5,CSM8A,  
CSM6,CSM7,CSM8,CSM13,CSM10,  
CSM11,CSM12,CSM13,INUNIT,  
FINPUT,BDATA,RSAC,SPRING,  
KINPUT (NON)SPRING (SAT)  
COMPEN (SRC)KINPUT

DEC-15-ZZ2A-UA  
FILES INCLUDED: (SRC)INIT,  
SAMO,%SAMO,SLMO,STCO,RAMO,  
RLMO,RTCO,SSRP,SSRM,SBRP,  
SBRM,SACO,DVMC,DVMR,TAVA,  
RAVA,SPOT,%SACO,%DVM,%TAVA,  
%BBCD,%BCBD,SSCL,RSCL,SBCL,  
RBCL,LBCL,TRSL,RSSL,RBSL,  
RSCS,RBSC,TGPI,TOVL,MUXR,  
CRAC,CRPC,%ADC,LSDA,LBDA,  
LTDA,%DAC,DINT,TLDA,IGPI,  
DGPI,CRBC,IFLT,DFLT,TOVR,  
TNUL,TRST,CISL,CWSL,CLVL

DEC-15-ZZ2A-UC  
FILES INCLUDED: (BIN)ADD,A1DEC,  
CARRY,DECA1,DPAK,DIV,MPY,NSIGN,  
.SUB (SRC)ADD,A1DEC,CARRY,DECA1,  
DPAK,DTV,MPY,NSIGN,SUB

DEC-15-ZZ3A-UB  
FILES INCLUDED: (BIN)INIT,  
SAMO,%SAMO,SLMO,STCO,SSRP,  
SSRM,SBRP,SBRM,SACO,DVMC,DVMR,  
TAVA,RAVA,SPOT,%SACO,%DVM,  
%TAVA,%BBCD,%BCDB,SSCL,RSCL,  
SBCL,RBCL,LBCL,TRSL,RSSL,  
RBSL,RSCS,RBCS,TGPI,TOVL,  
TOVR,TNUL,MUXR,CRAC,CRPC,  
CRBC,%ADC,LSDA,LTDA,LBDA,  
%DAC,TLDA,IGPI,DGPI,DINT,  
IFLT,DFLT,RAMO,RLMO,RTCO,  
TRST,CWSL,CISL,CLVL



## CODE

DEC-XV-1XR8A-A-MA7 CONT'D  
 .BC, .BD (015)MIRWB (008)MTWRA9, .BG  
 (007)MTREA7, MTPGET (004).BB, .BI,  
 SIGN, DSIGN, JSIGN, SNGL, DOUBLE, DMOD  
 (006).BE (005).BF, .BH, IDINT (002)  
 ABS, AINT, INT, DIM, FLOAT, IFIX, ISNGL,  
 ADRMAP, ADRSET (000)IABS, ISIGN, IDIM,  
 MOD (003)AMOD, JMOD, ADSSET (053)  
 BCDIO

DEC-XV-1XR8A-A-MA9  
 FILES INCLUDED: SAME AS FOR  
 DEC-XV-1XR8A-A-MA7

DEC-XV-1XR8A-A-UA1  
 FILES INCLUDED: (SRC)LP.32, CP,  
 DT.61, UD.13, AF.10 (022)CD (017)  
 AD (007)CC

DEC-XV-1XR8A-A-UA2  
 FILES INCLUDED: (001)CR.03B  
 (SRC)MT.25, PP.13, PR.15 (018)MTMOV  
 (010)MTREA9, MIWRA7 (015)MTRWB (008)  
 MTWRA9 (007)MTREA7, MTPGET

DEC-XV-1XR8A-A-UA3  
 FILES INCLUDED: (075)RFDLET,  
 RFRES, REREAD, RECREA, RFCLOS  
 (076)RFOPEN (SRC)VT.23, VW.04

DEC-XV-1XR8A-A-UA4  
 FILES INCLUDED: (P1)RSX

DEC-XV-1XR8A-A-UA5  
 FILES INCLUDED: (001)ACCESS  
 (SRC)ASP.08, DEQ.06, MNI.10, DSM.07,  
 ADV.03, CON.11, DUS.14, DTC.5, OPE.64,  
 ETI.11, ABU.6, CAN.5, COM.10, DAT.11,  
 DEV.9, DIS.5, ENA.5, FIX.10, PAR.11,  
 INS.12, TIM (009)STROBE

DEC-XV-1XR8A-A-UA6  
 FILES INCLUDED: (SRC)REM.14, REA.35,  
 SAV.31, XQT.7, CPHM, DTLUMY, LOG.3,  
 CANCOP, RX.13, TAS.61, REQ.11, RES.5,  
 RUN.10, SCH.12, SYN.10, RCF.25, UNF.7  
 (006)AUTORM, PULLER, SATCHK (005)  
 UFD, DTRUN, TTYIO, INTERM (003)NODCNT  
 (008)SLICE (004)DTCLOS, DTENIR,  
 DTSEEK, DTWRIT, DTREAD, DTASGN (007)  
 COPST (016)FININS

DEC-XV-1XR8A-A-UA7  
 FILES INCLUDED: (SRC)BIN.12,  
 BCON.9, BRM.15, DIR.73, FIN.27,  
 BRQ.14, BXQ.11, NEW.3, DTD.15,  
 DEL.16, REN.15, TDC.1 (013)RSXODT

DEC-XV-1XR8A-A-UA8  
 FILES INCLUDED: (120)MACR15  
 (125)CREP (SRC)MAC.9

DEC-XV-1XR8A-A-UA9  
 FILES INCLUDED: (SRC)TKB.96

DEC-XV-1XR8A-A-UA10  
 FILES INCLUDED: (070)F4MP2  
 (034)EDIT15

DEC-XV-1XR8A-A-UA11  
 FILES INCLUDED: (020)DDIO (015)  
 OTSER (001).CAT1, IFLOW, IDZERO,  
 OTSER (009)RBCDIO, SS (013).DA,  
 (006)RBNIO, PAUSE (014)RANCOM  
 (003)EDCODE, GOTO, PARTWD (000).DJ,  
 ERRSET (004).CB (003)GOTO, PARTWD  
 (008)STOP (012)SPMSG (018).FPP  
 (002)IOERK (042)FLOPS (019)AUXIO

DEC-XV-1XR8A-A-UA12  
 FILES INCLUDED: (009)IMNMX  
 (011)DMNMX, RELEA (005)DMNMX,  
 DLOG (004)ALOG, TANH, .EB, .DB  
 (003)DLOG10, SIN, COS, .DE (008)  
 SQRT, ATAN2, DATAN2, .EF (007)DSQRT,  
 DELINT (002)EXP, DCOS, ATAN, .EE  
 (001)DEXP, DSIN, DATAN, .DF, .EC, .DC  
 (003)SIN, COS, .DE (006).ED, .DD  
 (014)RMNMX

## CODE

DEC-XV-1XR8A-A-UA13  
 FILES INCLUDED: (004).BB, .BI,  
 SIGN, DSIGN, JSIGN, SNGL, DOUBLE,  
 DMOD (010).BC, .BD (006).BE,  
 (005).BF, .BH, IDINT (008).BG  
 (002)AINT, INT, DIM, FLOAT, IFIX,  
 ISNGL, ADRMAP, ADRSET (000)IABS,  
 ISIGN, IDIM, MOD (001)JABS, DABS,  
 JDIM, DBLE, JFIX, JDOUBLE, JDFIX,  
 FLOATJ, ADSTRT, ADSTOP, ADCON, ADDIS  
 (003)AMOD, JMOD, ADSSET (053)BCDIO

DEC-XV-1XR8A-A-UA14  
 FILES INCLUDED: (SRC)EXU.14, SHAR.1,  
 CLOF.5, KUNF.5, REGF.2, SCHF.6, DATF.5,  
 SYNF.4, CANF.3, RESF.3, FIAF.3, UNFF.4,  
 DISF.3, ENAF.4, ATTF.3, DETF.2, SEEF.2,  
 ENTF.2, DELF.1, DSAF.6, DSDF.4, DSGP.1,  
 RENF.1, MARF.3, WAF.2, SUSF.1, EXIF.1,  
 FIS.3, HINF.1, UPKF.0, WAIF.1, RDP.1,  
 DOUT.0, RDDI.6, REIN.0, RBCD.2, AI.3,  
 SPYF.1, EMF.1, LAB.3, MNT.1, BSF.1, BSP.1,  
 SPE.2, SPR.1, SPF.1, RDC.2, SPYS.1,  
 SPYR.0, MIGP.2, GJOB.1, EXQT.1 (001)  
 COMCOM (000).FP, .BP

DEC-XV-1XR8A-A-UA15  
 FILES INCLUDED: (070)F4MPI

DEC-XV-1XR8A-A-UB1  
 FILES INCLUDED: (TSK)...ACC,  
 ...ASP, ...DEQ, ...ADV, ...COM,  
 ...INX, ...DTC, ...OPE, ...ETI,  
 ...ABU, ...CAN, ...CON, ...DAT,  
 ...DEV, ...DIS, ...ENA, ...FIX,  
 ...PAR, ...STR, ...REM, ...UFD,  
 ...REA, ...SLI, ...XQT, ...TAS,  
 ...REQ, ...RES, ...RUN, ...SCH,  
 ...SYN, ...TIM, ...UNF, ...DOS, SY,  
 ...MNT, ...DSM, DUS, RK, DOS, RF,  
 DOS, RP, ...RCF, SAV, RP, ...RCP,  
 SAV, RK, SAV, RF (ABS)RSX.P2

DEC-XV-1XR8A-A-UB2  
 FILES INCLUDED: (TSK)AUTORM,  
 FININS, PULLER, NODCNT, INTERM,  
 SATCHK, CPHM, DTRUN, RX, TTYIO,  
 ...COP, ...KCH, MNT, DSM, INS, CON,  
 REM, DIR, REQ, XQT, NEW, DTD, DEL, REN,  
 TDC, MAC, EDI, FIN, FUU, LIS, BTK, FOR,  
 TKB, F4F (BIN)TKBDUS

DEC-XV-1XR8A-A-UC1  
 FILES INCLUDED: (161)RSX.P2  
 (BIN).LIBFX, RSX, RP, RSX, RK, .LIBFX,  
 RSX, RF (TSK)LP.11, LP.15, DT, RK, RP,  
 RF

DEC-XV-1XR8A-A-UC2  
 FILES INCLUDED: (001)SCHED,  
 QUEUE, SLIOT, SLINF, TLE, FAC57,  
 TSR, NN, OPR (003)TDVSUB (SRC)  
 JOBSTR, ENDJOB, CNTC, SLIP, 4, COMPS,  
 GETCR, SLI, ACI, 2, ACD, 2, BAT, 32  
 (002)FILES, ABORT (011)SPN (002)  
 ABORT (TSK)DEC, BAT, AB, OPR, SLI,  
 ...ACD, END, JOB, ...ACI, QUF, ...QUE,  
 QU, OPR, TLE, SC, OPR, TTY.01, SPN

DEC-XV-1XR8A-A-UC3  
 FILES INCLUDED: (024)RSX, RT  
 (SRC)RMC.13, VPR.44, CIRCLE,  
 ROTATE, DIS.05, TBL.03, CODE,  
 RSXPAT, MODE13, GDNUM, MODE14,  
 SYSDEV, REPLY, TTOUT, BUILD (XCU)  
 BUILD, RSXPAT (XCT)BUILD, RSXPAT

DEC-XV-1XR8A-A-MA7  
 FILES INCLUDED: (001)NUVAL,  
 (002)DYLDL, LKA, . (003)8IRAN, FORT,  
 LTORPB, (004)FNEW, (005)VWA,  
 (006)VTA, . (007)TRACK, (012)SRCCOM,

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DEC-XV-OXD1A-A-MA7 CONT'D  
 (022)DUMP, (028)FOCAL, (030)LVU,  
 (036)XYU, (069)F4MP1, F4MP2, (100)  
 PRA, PRB, (101)MTC, PPB, PPC,  
 (102)PPA, (103)DTC, (108)DTD,  
 DTE, DTF, MTA, (113)VPA, (114)  
 MTDUMP, MTF, (124)LPU, (125)DDT,  
 (129)DTA, (134)CD, DOS, (136)  
 VTPRIM, (141)EDIT15, (144)LOAD,  
 (150)LPA.15, (159)DOSRFA, (179)  
 CHAIN, (SRC)CIRCLE, ROTATE, VECTOR.

DEC-XV-OXD1A-A-MA9  
 FILES INCLUDED: SAME AS  
 DEC-XV-OXD1A-A-MA7

DEC-XV-OXD2A-A-MA7  
 FILES INCLUDED: (000)CHECK, SYSDEV,  
 (002)QDMP15, (006)INSALL, INSERR,  
 MACDEF, (009)RPBOOT, (010)MACIMG,  
 (012)SPLIMG, (017)RFBOUT, SPLGEN,  
 (020)PATCH, RKBOOT, (021)MACINT,  
 (022)B, PRE, (061)NRBOSS, (102)QFILE,  
 (103)ABSL11, (105)UPDATE, (109)  
 DUSNRM, (145)SPOL11, (154)PIREX,  
 (164)SPOL15, (213)RESMNA, RESMNB,  
 (BAT)BUILD, (DTA)CODE, (MTA)CODE,  
 (NDR) (PRC)ASG, ASM, BNK, BUF, CHN, CMP,  
 DIR, DLG, DMP, DOS, FOR, JOB, KEP, LCM,  
 LIB, LNK, LOG, LST, MAC, MAP, MIC, MNT,  
 MSG, MSW, NDR, OVL, PAG, PRT, QDP, RUN,  
 XCT, XVM, (PRM)U311, UCD, ULP, ULV,  
 UMN, URK, UXY, (SRC)BUILD, REPLY,  
 TTOUT.

DEC-XV-OXD2A-A-MA9  
 FILES INCLUDED: SAME AS FOR  
 DEC-XV-OXD2A-A-MA7

DEC-XV-OXD3A-A-MA7  
 FILES INCLUDED: (002)INSTRCC,  
 (025)SGNBLK, (060)SGEN, (063)SYSLD,  
 (104)EXECUT, (116)PIP, (118)MACR15,  
 (125)CREF, (175)DOSSAV.

DEC-XV-OXD3A-A-MA9  
 FILES INCLUDED: SAME AS FOR  
 DEC-XV-OXD3A-A-MA7

DEC-XV-OXD4A-A-MA7  
 FILES INCLUDED: (000)IABS, IDIM,  
 ISIGN, MOD, (001)DC, DF, EC, DABS,  
 DATAN, DBLE, DEXP, FLOATJ, JABS, JDBLE,  
 JDFIX, JDIM, JFIX, (002)EE, ABS, AINT,  
 ATAN, DCUS, DIM, DSIN, EXP, FLOAT, IFIX,  
 INT, ISNGL, (003)DE, AMOD, COS, DLOG10,  
 JMOD, SIN, (004)BB, BI, DB, EB, ALOG,  
 ALOG10, DMOD, DOUBLE, DSIGN, JSIGN, SIGN,  
 SNGL, TANH, (005)BF, BH, DLOG, IDINT,  
 JNMXX, (006)BE, DD, ED, (007)  
 DBLINT, DSQRT, (008)BG, EF, ATAN2,  
 DATAN2, SQRT, (009)IMNMX, INTEAE,  
 (010)BC, BD, (011)DMNMX, RELEAE,  
 (014)RMNMX, (052)BCDIO.

DEC-XV-OXD4A-A-MA9  
 FILES INCLUDED: SAME AS FOR  
 DEC-XV-OXD4A-A-MA7

DEC-XV-OXD5A-A-MA7  
 FILES INCLUDED: (000)BP, DJ, FP,  
 EDF, ERRSET, TIME, TIME10, (001)CAT1,  
 BOST, IDZERO, IFLOW, ISENSW, UNIT,  
 (002)LOERR, (003)EDCODE, GOTO,  
 PARTWO, (004)CB, FLTB, (006)PAUSE,  
 RBINIO, (008)STUP, (009)SS,  
 RBCDIO, (010)FILE, (012)SPMSG,  
 (013)DA, (014)RANDOM, (015)DISER,  
 (018)PPP, (019)AUXIO, DDIO, (020)  
 BINIO, DEFINE, (042)FIOPS.

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DEC-XV-OXD5A-A-MA9  
 FILES INCLUDED: SAME AS FOR  
 DEC-XV-OXD5A-A-MA7

DEC-XV-OXD5A-A-UA1  
 FILES INCLUDED: (159)DOSRFA,  
 (129)DTA, (108)DTD, (103)DTC

DEC-XV-OXD5A-A-UA2  
 FILES INCLUDED: (108)MTA, DTE,  
 DTF, (114)MTF, (101)MTC, PPB,  
 PPC, (124)LPU, (150)LPA.15,  
 (100)PRA, PRB, (102)PPA.

DEC-XV-OXD5A-A-UA3  
 FILES INCLUDED: (141)EDIT15,  
 (134)CD, DOS (036)XYU, (113)  
 VPA, (006)VTA, (002)LKA, (005)  
 VWA, (003)FORT, (SRC)VECTOR,  
 (001)NUVAL, (030)LVU.

DEC-XV-OXD5A-A-UA4  
 FILES INCLUDED: (179)CHAIN,  
 (136)VTPRIM, (007)TRACK, (002)  
 DYLD, (SRC)CIRCLE, ROTATE,  
 (003)LTORFB.

DEC-XV-OXD5A-A-UA5  
 FILES INCLUDED: (144)LOAD,  
 (028)FOCAL, (125)DDT, (004)FNEW.

DEC-XV-OXD5A-A-UA6  
 FILES INCLUDED: (069)F4MP1.

DEC-XV-OXD5A-A-UA7  
 FILES INCLUDED: (069)F4MP2,  
 (022)DUMP.

DEC-XV-OXD5A-A-UA8  
 FILES INCLUDED: (012)SRCCOM,  
 (003)STRAN, (114)MTDUMP.

DEC-XV-OXD5A-A-UA9  
 FILES INCLUDED: (061)NRBOSS,  
 (022)B, PRE, (PRC)DLG, FIL, FOR,  
 MIC, ASG, LOG, DIR, JOB, BUF, CHN,  
 MNT, BNK, OVL, DOS, PRT, ASM, QDP,  
 MSG, XCT, LST, LIB, LCM, DMP, MSW,  
 LNK, NUR, MAP, CMP, MAC, KEP, RUN,  
 PAG, XVM, (MTA)CODE, (PRM)  
 URK, UMM, ULP, UCD, ULV, U311,  
 UXY, (DTA)CODE, (BAT)BUILD,  
 (SRC)BUILD, REPLY, TTOUT, (000)  
 CHECK, SYSDEV.

DEC-XV-OXD5A-A-UA10  
 FILES INCLUDED: (213)RESMNA.

DEC-XV-OXD5A-A-UA11  
 FILES INCLUDED: (213)RESMNB.

DEC-XV-OXD5A-A-UA12  
 FILES INCLUDED: (105)UPDATE,  
 (020)PATCH, RKBOOT, (009)RPBOOT,  
 (017)RFBOUT, (006)RPCDEF,  
 RWSERR, INSALL, (103)BSL11.

DEC-XV-OXD5A-A-UA13  
 FILES INCLUDED: (154)PIREX,  
 (017)SPLGEN, (164)SPOL15,  
 (021)MACINT, (010)MACIMG,  
 (012)SPLIMG.

DEC-XV-OXD5A-A-UA14  
 FILES INCLUDED: (145)SPOL11,  
 (102)QFILE.

DEC-XV-OXD5A-A-UA15  
 FILES INCLUDED: (118)MACR5,  
 (125)CREF.

DEC-XV-OXD5A-A-UA16  
 FILES INCLUDED: (116)PIP,  
 (104)EXECUT, (025)SGNBLK,  
 (002)INSTR.

DEC-XV-OXD5A-A-UA17  
 FILES INCLUDED: (060)SGEN,  
 (063)SYSLD, (175)DOSSAV.

DEC-XV-OXD5A-A-UA18  
 FILES INCLUDED: (009)IMNMX,  
 INTEAE, (014)RMNMX, (005)  
 JNMXX, DLOG, (008)SQRT, ATAN2,  
 DATAN2, EF, (007)DSQRT,

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DBLINT, (002)EXP, DCUS, ATAN, .EE,  
(001)DEXP, DSIN, DATAN, .DF, .EC,  
.DC, (004)ALOG, ALOG10, TANH,  
.EB, .DB, (003)DLOG10, SIN,  
COS, DE, (006).ED, DD, (009)  
INTEAE, (011)RELEAE, (007)DBLINT.

DEC-XV-UXDSA-A-UA19  
FILES INCLUDED: (004).BB, .BI,  
SIGN, DSIGN, JSIGN, SNGL, DOUBLE,  
DMOD, (010).BC, .BD, (006).BE,  
(005).BF, .BH, IDINT, (008).BG,  
(002)ABS, AINT, INT, DIM, FLOAT,  
IFIX, ISNGL, (000)IAES, ISIGN,  
IDIM, MOD, (001)JABS, DABS,  
JDIM, DBLE, JFIX, JDBLE, JDFIX,  
FLOATJ, (003)AMUD, JMOD, (052)  
BCDIO.

DEC-XV-UXDSA-A-UA20  
FILES INCLUDED: (042)FIOPS,  
(020)BINIO, DEFINE, (019)AUXIO,  
DDIO, (009)RBCDIO, .SS, (006)  
RBINIO, PAUSE, (014)FANCOM,  
(003)EDCODE, GOTO, PARTWD,  
(000)EOF, .DJ, TIME10, TIME,  
ERRSET, .BF, .FP, (001)UNIT,  
IFLOW, IDZERO, ISENW, BOSTT,  
.CAT1, (010)FILE, (004).FLTb,  
.CB, (013).DA, (008)STOP,  
(012)SPMSG, (015)OTSER, (018)  
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