



How the world shares ideas.

ROUTER HARDWARE / SOFTWARE COMPATIBILITY MATRIX

**VME - BN - 5000 ROUTER - AFN -
AN - ASN - ARN - SN - V15K**

VERSION 5.7

October 26, 2000

A copy printed from the file server is an uncontrolled copy. The copy holder is responsible for verifying the document's current revision and removing obsolete documents from point of use.

Revision History

VERSION	WRITTEN BY	DATE	DESCRIPTION
5.0	Mike Larj	06/24/97	-Added "SN" to document title -Added reference to Switch Node products to intro./instruction page. -Added CSU/DSU info to Access Node matrix -Added CSU/DSU info to BayStack Access Node matrices -Moved BayStack Access Node Optional Add-on Adapter Module info into a separate matrix -Added respin part number 112001-B to the AG2111007 info rows. -Changed ARN products minimum software from V11.0 to V11.0/4N -Added DCM info to ARN matrix -Added field upgrade order numbers to ARN matrix -Added QMCT1 w/DSOA information -Changed part number of AN & ANH-8 N11 DCM adapter -Added Switch Node information matrix
5.1	Mike Larj	08/11/97	-Added information for DC3611014 Switch Node Module -Added Note (2) to Switch Node information matrix
5.2	Mike Larj	12/05/97	-Changed name of "Switch Node" products to "Accelar 100". -Added HSSI info to Access Stack Node and 5000 Router matrices. -Changed "BNX" to "BayStream" -Added field upgrade/spare order numbers to Access Stack Node matrix -Changes Access Stack Node matrix to reflect country specific base units
5.3	Mike Larj	10/16/98	- Changed cover sheet to reflect new corporate image. - Added Year 2000 compliance software support statement to intro./instruction page. - Removed "7.60 & Above Support" option column 1 and replaced it with "Year 2000 Compliance" option column 1. - Added "Year 2000 Compliance" information to all product matrices. - Removed "Current Release" status from Model# 30004, 34004/34004-S, AD1233004, AD1233006, AD1233008, AD1304006, AD1304007, AE1001006, AE1001010, AE1001014, AE1001038, AE1001042, AE1101002, AE1101006, CV1001002, DC36xxxx. - Changed ASN2 Base Units "ID" from 1024 to 1025. - Added Note(2) to Access Node information matrix. - Added notes to various pages stating that VME and AFN products are not supported in software V12.10 and higher. - Removed Madge1 and Madge2 Fastmac+ option columns and minimum revision information. - Added AG1304014 - 64MB ARE information. - Added CL1304006 & CL1304007 5782 ATM VNR Module information. - Added FRE2-060E processor board information. - Added AN, ANH-8, BayStack AN, BayStack ANH-8 and ARN T1/FT1 and E1/FE1 Adapter Module information. - Added ARN 10/100-TX, 100-FX, and -48VDC Base Unit information. - Added ARN X.25 PAD information. - Added ISDN S/T - CSU/DSU interoperability note to ARN information matrix.
5.4	Mike Larj	06/10/1999	- Added Versalar 15000 (V15K) to title page, page headers, and introduction / instruction page. Added V15K information matrix. - Added reference to 32MB Flash Cards to the intro. / instruction page. - Added CV0004026/CV0011042 & CV0004027/CV0011043 ARN E7S/7S PDB information. - Added ARN Ethernet Motherboard respin part numbers. - Changed ARN ISDN S/T minimum revision to 09 for interoperability with a CSU/DSU in the same unit. - Separated ARN matrix into two sections - Base units and modules. - Added "S/T" to the AN and ASN ISDN SDB descriptions. - Added Compression Daughter ID numbers to FRE2-060E information. - Added FRE4-PPC and 4 Link modules information. - Added Note(9) to Access Stack Node information matrix.
5.5	J. Peter Iacobucci	09/13/1999	-Added Baystream software version 7.40

VERSION	WRITTEN BY	DATE	DESCRIPTION
5.6	J. Peter Iacobucci	07/25/2000	- Added new V15K (BAC2) entries - Changes to FRE4
5.7	J. Peter Iacobucci	10/26/2000	-Modify compatibility requirements for FRE1. FRE1 is not supported in version 12.10 or higher.

This document is for use in identifying minimum revision requirements of systems. It is broken into three matrix sets, each based on a reference set of products.

The first matrix, **Minimum Board Requirements**, is used to identify the minimum board revision for compatibility with the various processor boards, or selected options, pertaining to the VME and BN product platforms.

The second matrix, **Minimum Processor and Software Requirements**, supplies the minimum processor requirements for any module as well as the required software, also pertaining to the VME and BN product platforms.

The third group of matrices describe minimum requirements for the Access product lines (AFN, AN, BayStack AN, ASN and ARN), 5000 Router modules, Switch Node (Accelar 100), and Versalar 15000 products.

To identify the minimum required revision for any board or Access product, select the model number from the list and read across for the particular category requirements. The categories for the matrices are defined as follows:

CR : Current Shipping release - * indicates part numbers currently shipping from manufacturing.

Minimum Support Revision: This is Nortel Networks' minimum supported revision. Nortel Networks strongly recommends that, to avoid potential problems, customers should upgrade boards that are below this level.

FRE/FRE-2/FRE-2 060/FRE-2 060E/ACE 020/ACE 030: The minimum board revision level required to function with each of these processor boards.

Options: The minimum revision required to function with each of the various optional functionality. A blank space in these columns indicates that the optional functionality does not apply to that particular module. The functional revisions defined in the options fields are:

Year 2000 Compliance: Required to support software that is Year 2000 compliant. Year 2000 compliance is formally supported in Router Software V11.03 (Site Manager 5.03), as well as Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher. Year 2000 compliance is also formally supported in BayStream Software V7.1 Rev4.

Dial-up Services: Required to use dial backup, dial on demand, V25 bis and raise DTR (V7.60 and above feature).

Hot Swap: Ability to reliably hot swap board, also requires V7.60 or higher software for VME applications.

4MB Series 2 Flash Memory Card Support: Ability to support the 4MB Flash Memory cards. These are recommended for, and are only supported by, software version V8.0 and higher.

8MB, 16MB and 32MB Flash Memory cards require minimum V9.0 Router Software on all platforms.

BayStream Support: Required for running BayStream (BNX) Switch software.

Programmable Memory Support: Allows reallocating a processor's available local and global memory resources (V7.70 and above feature).

Important: When adding a module to a node there are three checks that are required.

1. Use the Minimum Board Requirements Matrix to verify that the module is at the minimum revision for the associated processor and any required options. Read across from the module description.
2. Use the Minimum Processor and Software Requirements Matrix to verify that the associated processor is at least the minimum revision for that card. Read down from processor description.
3. Use the Minimum Processor and Software Requirements Matrix to verify that the correct minimum software is running in the node. Read across from module description.

Note:

Since a Model Number and Module ID can be identical for as many as three different unique part numbers, a clear determination of which revision is required for a given board may not easily be accomplished by electronic means. In these cases it may be necessary to remove the board from the router to visually determine the part number.

MINIMUM BOARD REQUIREMENTS

READ ACROSS for minimum board revision

						FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE 020 (1)	ACE 030 (7)	OPTIONS					
					Minimum Support Revision	75150	75151 75153 75157	74027-16 74027-32 AG0011003	AG0011021 AG0011022 AG0011023 AG0011025 AG0011026 AG0011027	5110 5118	5120 5121 5124						
Order#	Description	CR	ID	Part #								1	2	3	4	5	6
5000	Syscon (4)		1	100007	30	-	-	-	-	30	30	N/S					
5003	Syscon II (7)	*	7	106523	3	-	-	-	-	3	3	3			6 (3)		
5008	Octal Sync	*	4352	109871	1	1	1	1	1	N/S	N/S	1	1	1		1	
5010	Sys I/O (7)		48	100013	13	-	-	-	-	13	13	13					
5010	Sys I/O (7)		49	102937	1	-	-	-	-	1	1	1					
5100	Enet 1 (7)		1	100003	7	N/S	N/S	N/S	N/S	7	7	N/S		11			
5118	ACE 020 (1)		3	101195	19	-	-	-	-	19	19	N/S					
5118	ACE 020 (1)		3	102330	23	-	-	-	-	23	23	N/S					
5120	ACE 030 (7)		4	101913	33	-	-	-	-	33	33	33		39			43
5120	ACE 030 (7)		4	103874	36	-	-	-	-	36	36	36		39			43
5121	ACE 030 - 8 MEG (7)		4	106727	36	-	-	-	-	36	36	36		39			43 (5)
5121	ACE 030 - 8 MEG (7)		4	107030	33	-	-	-	-	33	33	33		39			43 (5)
5124	ACE 030 - 16 MEG (7)		4	107350	43	-	-	-	-	43	43	43		43			43 (5)
5124	ACE 030 - 16 MEG (7)		4	107352	43	-	-	-	-	43	43	43		43			43 (5)
5200	T1 II Dual		56	100831	11	11	11	N/S	N/S	11	18	11		16			
5200	Dual T1 (1)		24	100009	17	N/S	N/S	N/S	N/S	17	N/S	N/S		20			
5201	T1 II 56K		57	101667	4	4	4	N/S	N/S	4	18	4		10			
5210	CSU		-	100005	8	8	8	N/S	N/S	8	8	8		14			
5220	T1 II Single Port		58	101338	4	4	N/S	N/S	N/S	4	18	4		10			
5221	T1 56K single		60	103496	1	1	N/S	N/S	N/S	1	18	1		6			
5250	E1 75 Ohm		61	101337	6	6	6	N/S	N/S	6	18	6		10			
5280	Qsync II		80	100869	2	2	2	2	2	2	2	2	8	7		2	
5280	Qsync X		80	101924	1	1	1	1	2	1	1	1	3	2		1	
5280	Qsync 4	*	80	102285	2	2	2	2	2	2	2	2	11	10		2	
5295	HSSI	*	225	104932	6	6	6	6	N/S	N/S	6 (2)	6		1		7 (6)	
5300	Qsync1 (7)		16	100011	14	N/S	N/S	N/S	N/S	14	14	N/S		17			
5405	ENET II		8	100809	3	5	N/S	N/S	N/S	3	5	3		15			
5410	SSE (7)		32	101053	11	N/S	N/S	N/S	N/S	11	11	N/S					
5410	SSE X		118	102213	1	1	1	1	N/S	1	1	1	4	3		1	
5410	SSE 4		118	102296	3	3	3	3	N/S	3	3	3	12	11		3	
5410	SSE2		118	101949	1	1	1	1	N/S	1	1	1	6	5		1	
5420	DSE 2 (7)		32	100860	11	N/S	N/S	N/S	N/S	11	11	N/S					
5420	DSE X (7)		116	102210	1	N/S	N/S	N/S	N/S	1	1	1	4	3			
5420	DSE 4 (7)		116	102293	3	N/S	N/S	N/S	N/S	3	3	3	11	12			
5420	DSE 3 (7)		116	101945	1	N/S	N/S	N/S	N/S	1	1	1	6	5			
5430	DSDE (7)		112	100929	3	N/S	N/S	N/S	N/S	3	3	3	14	13			
5430	DSDE X (7)		112	101867	1	N/S	N/S	N/S	N/S	1	1	1	4	3			

OPTIONS KEY: 1 = Year 2000 Compliance, 2 = Dial-up Services, 3 = Hot swap, 4 = 4MB Series 2 Flash Memory Card Support, 5 = BayStream Support, 6 = Programmable Memory Support.

NOTES:

N/S = Not Supported. **Blank** = Not Applicable. * = Current release.

(1) = Not supported in software V8.0 and higher.

(2) = Minimum software V7.80 required.

(3) = Refers to units shipping from the factory. The required code is flash based and field updateable.

(4) = Not supported in software V8.10 and higher.

(5) = Global memory size limited to 4MB if running in a unit with ACE 020 processors.

(6) = Revision 10 is recommended if used in high data traffic BNX software applications.

(7) = VME based products are not supported in software V12.10 and higher.

MINIMUM BOARD REQUIREMENTS

READ ACROSS for minimum board revision

Order#	Description	CR	ID	Part #	Minimum Support Revision	FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE 020 (1)	ACE 030 (10)	OPTIONS					
						75150	75151	74027-16	AG0011021 AG0011022	5110	5120						
							75153	74027-32	AG0011023 AG0011025	5118	5121						
							75157	AG0011003	AG0011026 AG0011027		5124	1	2	3	4	5	6
5430	DSDE 4 (10)		112	102279	3	N/S	N/S	N/S	N/S	3	3	3	11	12			
5431	ESAF w/ 0 CAMS	*	232	106741	1	1	1	1	1	N/S	N/S	1	1	1		1	
5450	Quad ENET	*	162	102690	8	8	8	8	N/S	8	8	8		14		8	
5500	Ace 12		2	100001	13	-	-	-	-	13	13	N/S					
5505	ESA 2x0 (7)		132	102495	1	1	1 (2)	N/S	N/S	1	10	1		17			
5505	ENET 3 w/Filters		132	101597	1	1	1 (3)	N/S	N/S	1	5	1		7			
5505	ENET 3F w/Filtrs		132	101976	3	3	3 (4)	N/S	N/S	3	8	3		11			
5530	DSDE 2 w/Filters (10)		156	101256	1	N/S	N/S	N/S	N/S	1	8	8	11	10			
5530	DSDE 2F - Filters (10)		156	101938	3	N/S	N/S	N/S	N/S	3	7	7	10	9			
5530	ESA 2x2 (7) (10)		156	102494	3	N/S	N/S	N/S	N/S	3	12	12	21	20			
5531	ESAF w/ 2 CAMS		236	106738	1	1	1	1	1	N/S	N/S	1	1	1			
5532	ESAF w/ 6 CAMS	*	236	105970	1	1	1	1	1	N/S	N/S	1	1	1			
5705	TS416 1x0		45	102484	1	1	N/S	N/S	N/S	1	1	1		13			
5705	TOK - 4/16		45	101984	4	4	N/S	N/S	N/S	4	4	1		9			
5710	Dual Token	*	176	103366	0	0	0	0	N/S	0	0	0		10		0	
5720	TS416 1x1		44	102483	1	1	N/S	N/S	N/S	1	1	1	17	18			
5720	SST 4/16		44	101980	4	4	N/S	N/S	N/S	4	4	4	10	9			
5740	TS416 1x2		40	102482	1	1	1	1	N/S	1	1	1	16	17		1	
5740	DST 4/16		40	101531	4	4	4	4	N/S	4	4	4	10	9		4	
5930	Multimode FDDI	*	192	102675 110458	4	12	12 (5)	12 (6)	N/S	N/S	4	4		19		12	
5940	FDDI Single p-AB	*	194	103755 111462	4	9	9 (5)	9 (6)	N/S	N/S	4	4		16		9	
5942	FDDI Single p-A	*	195	103753 111459	4	9	9 (5)	9 (6)	N/S	N/S	4	4		17			
5943	FDDI Single p-B	*	193	103754 111460	4	9	9 (5)	9 (6)	N/S	N/S	4	4		17			
5944	MCT1 Single Port	*	169	105201	2	2 (8)	2	6	6	N/S	2 (9)	2		2		2	
5945	MCT1 Dual Port	*	168	105207	2	2 (8)	2	6	6	N/S	2 (9)	2		2		2	
5946	Multi FDDI w/CAM	*	196	102675 110458	4	12	12 (5)	12 (6)	N/S	N/S	4	4		19		12	
5947	FDDI Sgl p-AB w/CAM	*	198	103755 111462	4	9	9 (5)	9 (6)	N/S	N/S	4	4		16			
5948	FDDI Sgl p-A w/CAM	*	199	103753 111459	4	9	9 (5)	9 (6)	N/S	N/S	4	4		17			
5949	FDDI Sgl p-B w/CAM		197	103754 111460	4	9	9 (5)	9 (6)	N/S	N/S	4	4		17			
5950	Quad ENET w/CAM	*	164	102690	8	8	8	8	N/S	8	8	8		14		8	
50021	Quad Token Ring	*	256	108034 110848	1	1	1	1	N/S	N/S	1	1		1		1	
50038	100 Base-T Enet Link	*	4864	109874	1	N/S	1	1	N/S	N/S	N/S	1		1		1	
51001	ATM OC3 MM Link		4098	109914	6	N/S	6	6	N/S	N/S	N/S	6		6		6	
51002	ATM OC3 SM Link		4099	109913	6	N/S	6	6	N/S	N/S	N/S	6		6		6	

OPTIONS KEY: 1 = Year 2000 Compliance, 2 = Dial-up Services, 3 = Hot swap, 4 = 4MB Series 2 Flash Memory Card Support, 5 = BayStream Support, 6 = Programmable Memory Support.

NOTES:

N/S = Not Supported. **Blank** = Not Applicable. * = Current release.

(1) = Not supported in software V8.0 and higher.

(2) = Minimum software V7.80 required - Revisions 19 and 20 are NOT supported with the FRE2 processor.

(3) = Minimum software V7.80 required - Revision 8 is NOT supported with the FRE2 processor.

(4) = Minimum software V7.80 required - Revision 12 is NOT supported with the FRE2 processor.

(5) = Revision 25 is recommended if used with FRE-2 processor equipped with 32MB of DRAM.

(6) = Revision 25 is recommended if used with FRE-2 060 processor equipped with 32MB of DRAM or higher.

(7) = Revision 26 is recommended if upgrading from ACE020 to ACE030 processors or if software upgrade is being planned.

(8) = BayStream software only.

(9) = Minimum software V8.01 required.

(10) = VME based products are not supported in software V12.10 and higher.

MINIMUM BOARD REQUIREMENTS

READ ACROSS for minimum board revision

Order#	Description	CR	ID	Part #	Minimum Support Revision	FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE 020 (1)	ACE 030 (3)	OPTIONS					
						75150	75151 75153 75157	74027-16 74027-32 AG0011003	AG0011021 AG0011022 AG0011023 AG0011025 AG0011026 AG0011027	5110 5118	5120 5121 5124						
												1	2	3	4	5	6
74027-16	FRE-2 060 16MEG	*	769	109372-16	2	2	2	2	2	-	-	2		2	2	2	2
74027-32	FRE-2 060 32MEG	*	769	109372-32	2	2	2	2	2	-	-	2		2	2	2	2
75000	SRM-L	*	8448	104270	1	1	1	1	1	-	-	1		1		1	
75010	SRM-F	*	8704	104276	1	1	1	1	1	-	-	1		1		1	
75150	FRE		256	104100	13	13	13	13	13	-	-	13		13	13(2)	13	
75151	FRE-2 8MEG	*	768	106450-08 111316-08	8	8	8	8	8	-	-	8		8	7	8	8
75153	FRE-2 16MEG	*	768	106450-16 111316-16	8	8	8	8	8	-	-	8		8	7	8	8
75157	FRE-2 32MEG	*	768	106450-32 111316-32	8	8	8	8	8	-	-	8		8	7	8	8
77007	MCE1 DUAL PORT		184	108199	1	1	1	1	1	N/S	1	1		1		1	
77009	MCE1 SINGLE PORT		185	108687	1	1	1	1	1	N/S	1	1		1		1	
AG0011003	FRE-2 060 64MEG	*	769	109372-64	2	2	2	2	2	-	-	2		2	2	2	2
AG0011021	FRE2-060E 16M w/ACC 128 CTXT	*	5633 / 5889	119296-A	2	2	2	2	2	-	-	2		2	2		2
AG0011022	FRE2-060E 32M w/ACC 128 CTXT	*	5633 / 5889	119297-A	2	2	2	2	2	-	-	2		2	2		2
AG0011023	FRE2-060E 64M w/ACC 128 CTXT	*	5633 / 5889	119298-A	2	2	2	2	2	-	-	2		2	2		2
AG0011025	FRE2-060E 16M w/ACC 256 CTXT	*	5633 / 5891	119300-A	2	2	2	2	2	-	-	2		2	2		2
AG0011026	FRE2-060E 32M w/ACC 256 CTXT	*	5633 / 5891	119301-A	2	2	2	2	2	-	-	2		2	2		2
AG0011027	FRE2-060E 64M w/ACC 256 CTXT	*	5633 / 5891	119302-A	2	2	2	2	2	-	-	2		2	2		2
AG0011038	FRE4-PPC 32MB	*	6656	301332-A	2	2	2	2	2	-	-	2		2		2	2
AG0011039	FRE4-PPC 64MB	*	6656	301333-A	2	2	2	2	2	-	-	2		2		2	2
AG0011040	FRE4-PPC 128MB	*	6656	301334-A	2	2	2	2	2	-	-	2		2		2	2
AG0011041	1000BASE-SX FRE4 LINK	*	6400	300742-A	2	N/S	N/S	N/S	N/S	-	-	2		2		2	
AG0011041	1000BASE-SX FRE4 LINK	*	6400	300742-B	3	N/S	N/S	N/S	N/S	-	-	3		3		3	
AG0011042	1000BASE-LX FRE4 LINK	*	6401	300757-A	2	N/S	N/S	N/S	N/S	-	-	2		2		2	
AG0011042	1000BASE-LX FRE4 LINK	*	6401	300757-B	3	N/S	N/S	N/S	N/S	-	-	3		3		3	
AG0011043	4-PORT 10/100BASE-TX FRE4 LINK	*	6144	300711-A	2	N/S	N/S	N/S	N/S	-	-	2		2		2	
AG0011044	4-PORT 100BASE-FX FRE4 LINK	*	6145	300727-A	1	N/S	N/S	N/S	N/S	-	-	1		1		1	
AG1304014	ARE 64MB/6MB BGP SOLOIST	*	1280	114368-64	2	2	2	2	2	-	-	2		2	2	2	2
AG1311009	ARE - 8MB DRAM/1MB VBM	*	1280	110178-08	1	1	1	1	1	-	-	1		1	1	1	1
AG1311010	ARE -16MB DRAM/3MB VBM	*	1280	110178-16	1	1	1	1	1	-	-	1		1	1	1	1
AG1311011	ARE -32MB DRAM/6MB VBM	*	1280	110178-32	1	1	1	1	1	-	-	1		1	1	1	1
AG1311012	STS-3/STM-1 MMF ARE Link	*	4608	110304	1	N/S	N/S	N/S	N/S	-	-	1		1		1	
AG1311013	STS-3/STM-1 SMF ARE Link	*	4609	110303	1	N/S	N/S	N/S	N/S	-	-	1		1		1	
AG1311014	E3 ARE Link Module	*	5121	109620	1	N/S	N/S	N/S	N/S	-	-	1		1		1	
AG1311015	DS-3 ARE Link Module	*	5120	109625	1	N/S	N/S	N/S	N/S	-	-	1		1		1	
AG2104037	OCTAL SYNC w/ 32CTXT COMP	*	4353	112309	3	3	3	3	N/S	N/S	N/S	3	3	3		3	
AG2104038	OCTAL SYNC w/ 128CTXT COMP	*	4354	112310	3	3	3	3	N/S	N/S	N/S	3	3	3		3	
AG2104052	QMCT1 LINK MODULE - DS0A	*	5378	114783-A	1	N/S	1	1	Y	N/S	N/S	1		1		1	
AG2111001	MCE1-II DUAL 120 OHM	*	190	111607	3	3	3	3	Y	N/S	3	3		3		3	
AG2111002	MCE1-II SINGLE 120 OHM	*	191	111609	3	3	3	3	Y	N/S	3	3		3		3	
AG2111003	MCE1-II DUAL 75 OHM	*	188	111022	3	3	3	3	Y	N/S	3	3		3		3	
AG2111004	MCE1-II SINGLE 75 OHM	*	189	111378	3	3	3	3	Y	N/S	3	3		3		3	
AG2111007	QMCT1 LINK MOD. - DB15/V.54	*	5377	112001 112001-B	1	N/S	1	1	Y	N/S	N/S	1		1		1	

OPTIONS KEY: 1 = Year 2000 Compliance, 2 = Dial-up Services, 3 = Hot swap, 4 = 4MB Series 2 Flash Memory Card Support, 5 = BayStream Support, 6 = Programmable Memory Support.

NOTES:

N/S = Not Supported, Blank = Not Applicable, * = Current release,

(1) = Not supported in software V8.0 and higher.

(2) = Revision 29 or higher is required in order to support AMD "D Series" PCMCIA cards, which require a high true reset, signal input.

(3) = VME based products are not supported in software V12.10 and higher.

MINIMUM PROCESSOR AND SOFTWARE REQUIREMENTS

READ **ACROSS** for MINIMUM SOFTWARE REVISION

READ **DOWN** for MINIMUM PROCESSOR REVISION

				Description:	FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE030	ACE030	ACE030	ACE020	ACE020			
				Model Number:	75150	75151	74027-16	AG0011021 AG0011022	5124	5120	5120	5110	5110			
				Part Number:					107350	101913	103874	101163	102329			
						75153	74027-32	AG0011023 AG0011025	5124	5121	5121	5118	5118			
									107352	107030	106727	101195	102330	S/W Version	S/W Version	BayStream
						75157	AG0011003	AG0011026 AG0011027	(4)	(4)	(4)	(1)	(1)	5	7 & UP	S/W (8)
Order#	Description	ID	Part #													
5000	Syscon	1	100007		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (6)	N/S
5003	Syscon II	7	106523		N/S	N/S	N/S	N/S	43	33	36	19	23	5.77	7.60 (7)	N/S
5008	Octal Sync	4352	109871		13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	9.00	5.00
5010	Sys I/O	48	100013		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5010	Sys I/O	49	102937		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5100	Enet 1	1	100003		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	N/S	N/S
5118	ACE 020	3	101195		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (1)	N/S
5118	ACE 020	3	102330		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (1)	N/S
5120	ACE 030	4	101913		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5120	ACE 030	4	103874		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5121	ACE 030 - 8 MEG	4	106727		N/S	N/S	N/S	N/S	43	33	36	19	23	5.78 (2)	7.60 (7)	N/S
5121	ACE 030 - 8 MEG	4	107030		N/S	N/S	N/S	N/S	43	33	36	19	23	5.78 (2)	7.60 (7)	N/S
5124	ACE 030 - 16 MEG	4	107350		N/S	N/S	N/S	N/S	43	33	36	19	23	5.78 (3)	7.70(4) (7)	N/S
5124	ACE 030 - 16 MEG	4	107352		N/S	N/S	N/S	N/S	43	33	36	19	23	5.78 (3)	7.70(4) (7)	N/S
5200	T1 II Dual	56	100831		13	8	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5200	Dual T1	24	100009		N/S	N/S	N/S	N/S	N/S	N/S	N/S	19	23	5.70	N/S	N/S
5201	T1 II 56K	57	101667		13	8	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5210	CSU	-	100005		13	8	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5220	T1 II Single Port	58	101338		13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5221	T1 56K single	60	103496		13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5250	E1 75 Ohm	61	101337		13	8	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5280	Qsync II	80	100869		15	8	2	2	43	33	36	19	23	5.70	7.50	3.20
5280	Qsync X	80	101924		15	8	2	2	43	33	36	19	23	5.70	7.50	3.20
5280	Qsync 4	80	102285		15	8	2	2	43	33	36	19	23	5.70	7.50	3.20
5295	HSSI	225	104932		13	8	2	N/S	43 (5)	33 (5)	36 (5)	N/S	N/S	N/S	7.50	3.20
5300	Qsync1	16	100011		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	N/S	N/S
5405	ENET II	8	100809		13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5410	SSE	32	101053		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	N/S	N/S
5410	SSE X	118	102213		13	8	2	N/S	43	33	36	19	23	5.70	7.50	3.20
5410	SSE 4	118	102296		13	8	2	N/S	43	33	36	19	23	5.70	7.50	3.20
5410	SSE2	118	101949		13	8	2	N/S	43	33	36	19	23	5.70	7.50	3.20
5420	DSE 2	32	100860		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	N/S	N/S
5420	DSE X	116	102210		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5420	DSE 4	116	102293		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5420	DSE3	116	101945		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5430	DSDE	112	100929		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S
5430	DSDE X	112	101867		N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (7)	N/S

NOTES:

- (1) = Not supported in software V8.0 and higher.
- (2) = Earlier versions of 5 Series software will operate but will only utilize 4MB of memory.
- (3) = Will only utilize 8MB of memory. Earlier versions of 5 Series software will operate but will only utilize 4MB of memory.
- (4) = Earlier versions of 7 Series software will operate but will only utilize 8MB of memory.
- (5) = Minimum software V7.80 required.
- (6) = Not supported in software V8.1 and higher.
- (7) = VME based products are not supported in software V12.10 and higher.
- (8) = Year 2000 compliance is formally supported in BayStream Software V7.1 Rev4.

MINIMUM PROCESSOR AND SOFTWARE REQUIREMENTS

READ **ACROSS** for MINIMUM SOFTWARE REVISION

READ **DOWN** for MINIMUM PROCESSOR REVISION

Description:															
Description:				FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE030	ACE030	ACE030	ACE020	ACE020			
Model Number:				75150	75151	74027-16	AG0011021 AG0011022	5124	5120	5120	5110	5110			
Part Number:								107350	101913	103874	101163	102329			
					75153	74027-32	AG0011023 AG0011025	5124	5121	5121	5118	5118			
								107352	107030	106727	101195	102330	S/W Version	S/W Version	BayStream
					75157	AG0011003	AG0011026 AG0011027	(4)	(4)	(4)	(1)	(1)	5	7 & UP	S/W (7)
Order#	Description	ID	Part #												
5430	DSDE 4	112	102279	N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (6)	N/S
5431	ESAF w/ 0 CAMS	232	106741	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	7.70	4.20
5450	Quad ENET	162	102690	13	8	2	N/S	43	33	36	26	25	5.70	7.50	3.20
5500	Ace 12	-	100001	N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	N/S	N/S
5505	ESA 2x0	132	102495	13	8 (2)	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5505	ENET 3 w/Filters	132	101597	13	8 (2)	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5505	ENET 3F w/Filters	132	101976	13	8 (2)	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5530	DSDE 2 w/Filters	156	101256	N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (6)	N/S
5530	DSDE 2F - Filters	156	101938	N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (6)	N/S
5530	ESA 2x2	156	102494	N/S	N/S	N/S	N/S	43	33	36	19	23	5.70	7.60 (6)	N/S
5531	ESAF w/ 2 CAMS	236	106738	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	7.70	N/S
5532	ESAF w/ 6 CAMS	236	105970	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	7.70	N/S
5705	TS416 1x0	45	102484	13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5705	TOK - 4/16	45	101984	13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5710	Dual Token	176	103366	13	8	2	N/S	43	33	36	25	24	5.72	7.50	4.20
5720	TS416 1x1	44	102483	13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5720	SST 4/16	44	101980	13	N/S	N/S	N/S	43	33	36	19	23	5.70	7.50	N/S
5740	TS416 1x2	40	102482	13	8	2	N/S	43	33	36	19	23	5.70	7.50	4.20
5740	DST 4/16	40	101531	13	8	2	N/S	43	33	36	19	23	5.70	7.50	4.20
5930	Multimode FDDI	192	102675 110458	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.50	3.20
5940	FDDI Single p-AB	194	103755 111462	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.50	3.20
5942	FDDI Single p-A	195	103753 111459	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.50	N/S
5943	FDDI Single p-B	193	103754 111460	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.50	N/S
5944	MCT1 Single Port	169	105201	13 (3)	8	2	2	43 (4)	33 (4)	36 (4)	N/S	N/S	N/S	7.80	6.00
5945	MCT1 Dual Port	168	105207	13 (3)	8	2	2	43 (4)	33 (4)	36 (4)	N/S	N/S	N/S	7.80	3.20 (5)
5946	Multi FDDI w/CAM	196	102675 110458	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.55	3.20
5947	FDDI Sgl p-AB w/CAM	198	103755 111462	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.55	N/S
5948	FDDI Sgl p-A w/CAM	199	103753 111459	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.55	N/S
5949	FDDI Sgl p-B w/CAM	197	103754 111460	15	8	2	N/S	43	33	36	N/S	N/S	5.70	7.55	N/S
5950	Quad ENET w/CAM	164	102690	13	8	2	N/S	43	33	36	N/S	N/S	5.70	7.50	3.20
50021	Quad Token Ring	256	108034 110848	13	8	2	N/S	43	41	41	N/S	N/S	N/S	8.11	6.00
50038	100 Base-T Enet Link	4864	109874	N/S	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.00	5.00
51001	ATM OC3 MM Link	4098	109914	N/S	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	8.11 / 1 (8)	5.00
51002	ATM OC3 SM Link	4099	109913	N/S	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	8.11 / 1 (8)	5.00
74027-16	FRE-2 060 16MEG	769	109372-16	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	8.10	5.00
74027-32	FRE-2 060 32MEG	769	109372-32	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	8.10	5.00

NOTES:

(1) = Not supported in software V8.0 and higher.

(2) = Minimum software V7.80 required.

(3) = BNX software only.

(4) = Minimum software V8.01 required.

(5) = Boards with serial number 003920 and above require minimum BayStream (BNX) software V4.11 or V4.21.

(6) = VME based products are not supported in software V12.10 and higher.

(7) = Year 2000 compliance is formally supported in BayStream Software V7.1 Rev4.

(8) = Minimum software V8.11 / fix 1 required.

MINIMUM PROCESSOR AND SOFTWARE REQUIREMENTS

READ **ACROSS** for MINIMUM SOFTWARE REVISION

READ **DOWN** for MINIMUM PROCESSOR REVISION

				Description:		FRE	FRE-2	FRE-2 060	FRE-2 060E	ACE030	ACE030	ACE030	ACE020	ACE020			
				Model Number:		75150	75151	74027-16	AG0011021 AG0011022	5124	5120	5120	5110	5110			
				Part Number:						107350	101913	103874	101163	102329			
							75153	74027-32	AG0011023 AG0011025	5124	5121	5121	5118	5118			
										107352	107030	106727	101195	102330	S/W Version	S/W Version	BayStream
							75157	AG0011003	AG0011026 AG0011027	(3)	(3)	(3)	(1)	(1)	5	7 & UP	S/W (4)
Order#	Description	ID	Part #														
75000	SRM-L	8448	104270	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.00	3.20	
75010	SRM-F	8704	104276	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.00	3.20	
75150	FRE	256	104100	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.00(5)	3.20	
75151	FRE-2 8MEG	768	106450-08 111316-08	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.70	4.10	
75153	FRE-2 16MEG	768	106450-16 111316-16	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.70	4.10	
75157	FRE-2 32MEG	768	106450-32 111316-32	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	7.70	4.10	
77007	MCE1 DUAL PORT	184	108199	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	8.10	4.20	
77009	MCE1 SINGLE PORT	185	108687	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	8.10	6.00	
AG0011003	FRE-2 060 64MEG	769	109372-64	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	10.00 (2)	6.00	
AG0011021	FRE2-060E 16M w/ACC 128 CTXT	5633 / 5889	119296-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011022	FRE2-060E 32M w/ACC 128 CTXT	5633 / 5889	119297-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011023	FRE2-060E 64M w/ACC 128 CTXT	5633 / 5889	119298-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011025	FRE2-060E 16M w/ACC 256 CTXT	5633 / 5891	119300-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011026	FRE2-060E 32M w/ACC 256 CTXT	5633 / 5891	119301-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011027	FRE2-060E 64M w/ACC 256 CTXT	5633 / 5891	119302-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	12.20	N/S	
AG0011038	FRE4-PPC 32MB	6656	301332-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011039	FRE4-PPC 64MB	6656	301333-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011040	FRE4-PPC 128MB	6656	301334-A	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011041	1000BASE-SX FRE4 LINK	6400	300742-A	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011042	1000BASE-LX FRE4 LINK	6401	300757-A	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011043	4-PORT 10/100BASE-TX FRE4 LINK	6144	300711-A	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG0011044	4-PORT 100BASE-FX FRE4 LINK	6145	300727-A	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	13.20	7.40	
AG1304014	ARE 64MB/6MB BGP SOLOIST	1280	114368-64	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311009	ARE -8MB DRAM/1MB VBM	1280	110178-08	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311010	ARE-16MB DRAM/3MB VBM	1280	110178-16	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311011	ARE-32MB DRAM/6MB VBM	1280	110178-32	13	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311012	STS-3/STM-1 MMF ARE Link	4608	110304	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311013	STS-3/STM-1 SMF ARE Link	4609	110303	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	9.01	6.00	
AG1311014	E3 ARE Link Module	5121	109620	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	10.00	6.10	
AG1311015	DS-3 ARE Link Module	5120	109625	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	10.00	6.10	
AG2104037	OCTAL SYNC w/ 32CTXT COMP	4353	112309	13	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	10.00	6.00	
AG2104038	OCTAL SYNC w/ 128CTXT COMP	4354	112310	13	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	10.00	6.00	
AG2104052	QMCT1 LINK MODULE - DS0A	5378	114783-A	N/S	8	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	N/S	11.02	7.0 Rev.3	
AG2111001	MCE1-II DUAL 120 OHM	190	111607	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	9.00	6.00	
AG2111002	MCE1-II SINGLE 120 OHM	191	111609	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	9.00	6.00	
AG2111003	MCE1-II DUAL 75 OHM	188	111022	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	9.00	6.00	
AG2111004	MCE1-II SINGLE 75 OHM	189	111378	13	8	2	2	43	33	36	N/S	N/S	N/S	N/S	9.00	6.00	
AG2111007	QMCT1 LINK MOD. - DB15/V.54	5377	112001 112001-B	N/S	8	2	2	N/S	N/S	N/S	N/S	N/S	N/S	N/S	11.00	6.00	

NOTES:

- (1) = Not supported in software V8.0 and higher.
- (2) = V4.10 Diagnostic code required.
- (3) = VME based products are not supported in software V12.10 and higher.
- (4) = Year 2000 compliance is formally supported in BayStream Software V7.1 Rev4.
- (5) = FRE is not supported in software V12.10 and higher.

ACCESS FEEDER NODES
READ ACROSS for minimum requirements *

					<u>OPTIONS</u>						MINIMUM SOFTWARE REQUIREMENTS	
				Minimum Support Revision	1	2	3	4	5	6	Version 5	Version 7 & UP *
Order#	Description	ID	Part #									
1515	AFNES V.35 (4)	208	104760	27	N/S	38					5.75	7.56
1516	AFNES X.21 (4)	208	104760	27	N/S	38					5.75	7.56
1517	AFNES CCITT V.35 (4)	208	104760	27	N/S	38					5.75	7.56
1518	AFNES RS422 (4)	208	104760	27	N/S	38					5.75	7.56
1520	AFNTS 1x2 (4)	217	105530	14	N/S	22	14	25			5.76	7.56
1521	AFNTS 2x2 (4)	216	105533	14	N/S	19	14	22			5.76	7.56
1525	AFNES V.35 w/Flash	208	106514	35	46 (5)	38			41 (2)		N/S	7.56
1526	AFNES X.21 w/Flash	208	106514	35	46 (5)	38			41 (2)		N/S	7.56
1527	AFNES CCITT V.35 w/Flash	208	106514	35	46 (5)	38			41 (2)		N/S	7.56
1528	AFNES RS422 w/Flash	208	106514	35	46 (5)	38			41 (2)		N/S	7.56
1529	AFNTS 1x2 w/Flash	217	106512	19	33 (6)	22	19	25	29 (3)		N/S	7.56
1530	AFNTS 2x2 w/Flash	216	106516	16	33 (6)	19	16	22	26 (3)		N/S	7.56
15000	AFNES 16M V.35 (4)	208	107934	38	N/S	38				38	(1) 5.78	7.60
15001	AFNES 16M X.21 (4)	208	107934	38	N/S	38				38	(1) 5.78	7.60
15002	AFNES 16M CCITT V.35 (4)	208	107934	38	N/S	38				38	(1) 5.78	7.60
15003	AFNES 16M RS422 (4)	208	107934	38	N/S	38				38	(1) 5.78	7.60
15004	AFNES 16M V.35 w/Flash	208	107932	38	46 (5)	38			41 (2)	38	N/S	7.60
15005	AFNES 16M X.21 w/Flash	208	107932	38	46 (5)	38			41 (2)	38	N/S	7.60
15006	AFNES 16M CCITT V.35 w/Flash	208	107932	38	46 (5)	38			41 (2)	38	N/S	7.60
15007	AFNES 16M RS422 w/Flash	208	107932	38	46 (5)	38			41 (2)	38	N/S	7.60
15008	AFNTS 1x2 16M (4)	217	107936	25	N/S	25		25		25	(1) 5.78	7.60
15009	AFNTS 2x2 16M (4)	216	107940	25	N/S	25		25		25	(1) 5.78	7.60
15010	AFNTS 1x2 16M w/Flash	217	107938	25	33 (6)	25		25	28 (3)	25	N/S	7.60
15011	AFNTS 2x2 16M w/Flash	216	107942	25	33 (6)	25		25	28 (3)	25	N/S	7.60

OPTIONS KEY: 1 = Year 2000 Compliance, 2 = Dial-up Services, 3 = Madge1, 4 = Madge2 Fastmac+,
5 = 4MB Series 2 Flash Memory Card Support, 6 = Programmable Memory Support.

NOTES:

*** Access Feeder Node products are not supported in software V12.10 and higher.**

N/S = Not Supported

Blank = Not Applicable

(1) = Earlier versions of 5 Series software will operate but will only utilize 4MB of memory.

(2) = Minimum revision 45 required to support 4MB Flash Memory Cards manufactured by AMD or AMP. Revision levels relate to units shipped from the factory. The required code is PROM based and can be field updated.

(3) = Minimum revision 32 required to support 4MB Flash Memory Cards manufactured by AMD or AMP. Revision levels relate to units shipped from the factory. The required code is PROM based and can be field updated.

(4) = Floppy based units are not supported in software V8.1 and higher.

(5) = Units below revision 46 require a PROM update in order to operate software V8.1 or higher.

(6) = Units below revision 33 require a PROM update in order to operate software V8.1 or higher.

ACCESS NODES

READ ACROSS for minimum requirements

					Minimum Support Revision	OPTIONS				MINIMUM SOFTWARE REQUIREMENTS
Order#	Description	CR	ID	Part #		1	2	3	4	
20001	AN-ENET 1X2 1M FLASH/4M DRAM		1024	106993	3	14	3	7	3	V7.70
20002	AN-ENET 1X2 4MB DRAM		1024	106993 / 110313	3	14	3	7	3	V7.70
20003	AN-ENET 1X2 8MB DRAM		1024	106993 / 110313	3	14	3	7	3	V7.70
20004	AN-ENET 1X2 16MB DRAM		1024	106993 / 110313	3	14	3	7	3	V7.70
	AN-ENET 1X2 xxMB DRAM w/ISDN S/T		1027		6	14	6	7	6	V8.10
	AN-ENET 1X2 xxMB DRAM w/3 SYNC		1030		15	15	15	15	15	V8.10
	AN-ENET 1X2 xxMB DRAM w/2 ND ENET		1033		15	15	15	15	15	V8.12
	AN-ENET 1X2 xxMB DRAM w/ CSU/DSU		1090		15	15	15	15	15	V11.01 ⁽¹⁾
	AN-ENET 1X2 xxMB DRAM w/ T1/FT1		1100		15	15	15	15	15	V12.10 ⁽²⁾
	AN-ENET 1X2 xxMB DRAM w/ E1/FE1		1119		15	15	15	15	15	V12.20 ⁽³⁾
21002	AN-TOKEN1X2 4MB DRAM		1037	107907 / 110312	7	14	7	7	7	V7.80
21003	AN-TOKEN 1X2 8MB DRAM		1037	107907 / 110312	7	14	7	7	7	V7.80
21004	AN-TOKEN 1X2 16MB DRAM		1037	107907 / 110312	7	14	7	7	7	V7.80
	AN-TOKEN 1X2 xxMB DRAM w/ ISDN S/T		1038		7	14	7	7	7	V8.10
	AN-TOKEN 1X2 xxMB DRAM w/3 SYNC		1039		12	14	12	12	12	V8.10
	AN-TOKEN 1X2 xxMB DRAM w/ CSU/DSU		1091		14	14	12	12	12	V11.01 ⁽¹⁾
	AN-TOKEN 1X2 xxMB DRAM w/ T1/FT1		1102		14	14	12	12	12	V12.10 ⁽²⁾
	AN-TOKEN 1X2 xxMB DRAM w/ E1/FE1		1121		14	14	12	12	12	V12.20 ⁽³⁾
22002	AN-ENET/TOKEN 2X2 4MB DRAM		1025	108308 / 110313	7	14	7	7	7	V7.80
22003	AN-ENET/TOKEN 2X2 8MB DRAM		1025	108308 / 110313	7	14	7	7	7	V7.80
22004	AN-ENET/TOKEN 2X2 16MB DRAM		1025	108308 / 110313	7	14	7	7	7	V7.80
	AN-ETS 2X2 xxMB DRAM w/ ISDN S/T		1028		7	14	7	7	7	V8.10
	AN-ETS 2X2 xxMB DRAM w/3 SYNC		1031		11	14	11	11	11	V8.10
	AN-ETS 2X2 xxMB DRAM w/ CSU/DSU		1092		14	14	11	11	11	V11.01 ⁽¹⁾
	AN-ETS 2X2 xxMB DRAM w/ T1/FT1		1104		14	14	11	11	11	V12.10 ⁽²⁾
	AN-ETS 2X2 xxMB DRAM w/ E1/FE1		1123		14	14	11	11	11	V12.20 ⁽³⁾

OPTIONS KEY:

1 = Year 2000 Compliance - units shipping from the factory. The required code to support V8.10 and higher Router Software is PROM based and can be field updated.

2 = Dial-up Services.

3 = 4MB Flash Memory SIMM Support - units shipping from the factory. The required code is PROM based and can be field updated.

4 = Programmable Memory Support.

NOTES:

Blank = Not Applicable

* = Current release.

⁽¹⁾ = Diagnostic PROM code V7.24 or higher is required to support the CSU/DSU Adapter Module.

⁽²⁾ = Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

⁽³⁾ = Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module.

External Model number labeling refers to the base system's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on cards (ISDN S/T BRI, 3rd SYNC, 2nd ETHERNET, CSU/DSU, T1/FT1, and E1/FE1).

Rows with blank Order# fields contain information specific to units configured with optional add-on cards, independent of DRAM size configurations. Only those configurations that are listed are supported.

ACCESS NODES (continued)
READ ACROSS for minimum requirements

					Minimum Support Revision	OPTIONS				MINIMUM SOFTWARE REQUIREMENTS
Order#	Description	CR	ID	Part #		1	2	3	4	
23002	ANH -12 4MB DRAM		1026	108308 / 110313	8	14	8	8	8	V8.00
23003	ANH -12 8MB DRAM		1026	108308 / 110313	8	14	8	8	8	V8.00
23004	ANH -12 16MB DRAM		1026	108308 / 110313	8	14	8	8	8	V8.00
	ANH -12 xxMB DRAM w/ ISDN S/T		1029		8	14	8	8	8	V8.10
	ANH -12 xxMB DRAM w/ 3 SYNC		1032		11	14	11	11	11	V8.10
	ANH -12 xxMB DRAM w/ 2ND ENET		1035		14	14	11	11	11	V8.12
	ANH -12 xxMB DRAM w/ CSU/DSU		1093		14	14	11	11	11	V11.01 ⁽¹⁾
	ANH -12 xxMB DRAM w/ T1/FT1		1106		14	14	11	11	11	V12.10 ⁽²⁾
	ANH -12 xxMB DRAM w/ E1/FE1		1125		14	14	11	11	11	V12.20 ⁽³⁾
23102	ANH -8 4MB DRAM ⁽⁴⁾		1047	980-763-X	A0	A0	A0	A0	A0	V8.10
23103	ANH -8 8MB DRAM ⁽⁴⁾		1047	980-766-X	A0	A0	A0	A0	A0	V8.10
23104	ANH -8 16MB DRAM ⁽⁴⁾		1047	980-771-X	A0	A0	A0	A0	A0	V8.10
50022	ISDN S/T ADAPTER MODULE UPGRADE	*	-	107977	1	1				V8.10
50025	3RD SYNC ADAPTER MODULE UPGRADE	*	-	108714	1	1	1			V8.10
AE0011010	2ND ENET ADAPTER MODULE UPGRADE	*	-	111658	3	1				V8.12
AE0011025	CSU/DSU ADAPTER MODULE UPGRADE	*	-	115112-A	2	2				V11.01 ⁽¹⁾
AE0011029	T1/FT1 ADAPTER MODULE UPGRADE	*	-	114922-A	1	1				V12.10 ⁽²⁾
AE0011031	E1/FE1_(RJ) ADAPTER MODULE UPGRADE	*	-	300319-A	1	1				V12.20 ⁽³⁾
AE0011032	E1/FE1_(BNC) ADAPTER MODULE UPGRADE	*	-	300319-A	1	1				V12.20 ⁽³⁾

OPTIONS KEY:

1 = Year 2000 Compliance - units shipping from the factory. The required code to support V8.10 and higher Router Software is PROM based and can be field updated.

2 = Dial-up Services.

3 = 4MB Flash Memory SIMM Support - units shipping from the factory. The required code is PROM based and can be field updated.

4 = Programmable Memory Support.

NOTES:

Blank = Not Applicable

* = Current release.

⁽¹⁾ = Diagnostic PROM code V7.24 or higher is required to support the CSU/DSU Adapter Module.

⁽²⁾ = Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

⁽³⁾ = Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module.

⁽⁴⁾ = These ANH-8 units will not support any optional add-on serial cards (ISDN, 3rd SYNC, 2nd ENET, CSU/DSU, T1/FT1, and E1/FE1).

External Model number labeling refers to the base system's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on cards (ISDN S/T BRI, 3rd SYNC, 2nd ETHERNET, CSU/DSU, T1/FT1, and E1/FE1).

Rows with blank Order# fields contain information specific to units configured with optional add-on cards, independent of DRAM size configurations. Only those configurations that are listed are supported.

BAYSTACK ACCESS NODES

READ ACROSS for minimum requirements

					Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS
ORDER #	DESCRIPTION	CR	ID	Part #		
AE1001006	AN-ENET 1X2 4MB DRAM		1024	111375	1	V8.12
AE1001007	AN-ENET 1X2 8MB DRAM	*	1024	111375	1	V8.12
AE1001008	AN-ENET 1X2 16MB DRAM	*	1024	111375	1	V8.12
	AN-ENET 1X2 xxMB DRAM w/ ISDN S/T	*	1043		1	V8.12
	AN-ENET 1X2 xxMB DRAM w/ 3 RD SYNC	*	1030		1	V8.12
	AN-ENET 1X2 xxMB DRAM w/ 2 ND ENET	*	1033		1	V8.12
	AN-ENET 1X2 xxMB DRAM w/ CSU/DSU	*	1090		1	V11.01 (2)
	AN-ENET 1X2 xxMB DRAM w/ T1/FT1	*	1100		1	V12.10 (3)
	AN-ENET 1X2 xxMB DRAM w/ E1/FE1	*	1119		1	V12.20 (4)
	AN-ENET 1X2 xxMB DRAM w/ N11 DCM	*	1055		1	V9.00
	AN-ENET 1X2 xxMB DRAM w/ ISDN S/T & N11 DCM	*	1062		1	V9.00
	AN-ENET 1X2 xxMB DRAM w/ 3 RD SYNC & N11 DCM	*	1056		1	V9.00
	AN-ENET 1X2 xxMB DRAM w/ 2 ND ENET & N11 DCM	*	1057		1	V9.00
	AN-ENET 1X2 xxMB DRAM w/ CSU/DSU & N11 DCM	*	1095		1	V11.01 (2)
	AN-ENET 1X2 xxMB DRAM w/ T1/FT1 & N11 DCM	*	1114		1	V12.10 (3)
	AN-ENET 1X2 xxMB DRAM w/ E1/FE1 & N11 DCM	*	1133		1	V12.20 (4)
AE1001010	ANH-8 4MB DRAM		1047	113359	D0	V8.12
AE1001011	ANH-8 8MB DRAM	*	1047	113359	D0	V8.12
AE1001012	ANH-8 16MB DRAM	*	1047	113359	D0	V8.12
	ANH-8 xxMB DRAM w/ ISDN S/T	*	1051		D0	V8.12
	ANH-8 xxMB DRAM w/ 3 RD SYNC	*	1049		D0	V8.12
	ANH-8 xxMB DRAM w/ 2 ND ENET	*	1050		D0	V8.12
	ANH-8 xxMB DRAM w/ CSU/DSU	*	1094		D0	V11.01 (2)
	ANH-8 xxMB DRAM w/ T1/FT1	*	1108		D0	V12.10 (3)
	ANH-8 xxMB DRAM w/ E1/FE1	*	1127		D0	V12.20 (4)
	ANH-8 xxMB DRAM w/ N11 DCM	*	1048		D0	V9.00
	ANH-8 xxMB DRAM w/ ISDN S/T & N11 DCM	*	1054		D0	V9.00
	ANH-8 xxMB DRAM w/ 3 RD SYNC & N11 DCM	*	1052		D0	V9.00
	ANH-8 xxMB DRAM w/ 2 ND ENET & N11 DCM	*	1053		D0	V9.00
	ANH-8 xxMB DRAM w/ CSU/DSU & N11 DCM	*	1099		D0	V11.01 (2)
	ANH-8 xxMB DRAM w/ T1/FT1 & N11 DCM	*	1118		D0	V12.10 (3)
	ANH-8 xxMB DRAM w/ E1/FE1 & N11 DCM	*	1137		D0	V12.20 (4)

NOTES:

Dial-up Services and Programmable Memory features are supported by all BayStack Access Node models.

* = Current release.

(1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.

(2) = Diagnostic PROM code V7.24 or higher is required to support the CSU/DSU Adapter Module.

(3) = Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

(4) = Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module

External Model number labeling refers to the base system's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on cards (ISDN S/T BRI, 3rd SYNC, 2nd ENET, CSU/DSU, T1/FT1, E1/FE1, & N11 DCM). Rows with blank ORDER# fields contain information specific to units configured with optional add-on cards, independent of DRAM size configurations. Only those configurations that are listed are supported.

BAYSTACK ACCESS NODES (continued)
READ ACROSS for minimum requirements

					Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS
ORDER #	DESCRIPTION	CR	ID	Part #		
AE1001014	ANH-12 4MB DRAM		1026	111373	1	V8.12
AE1001015	ANH-12 8MB DRAM	*	1026	111373	1	V8.12
AE1001016	ANH-12 16MB DRAM	*	1026	111373	1	V8.12
	ANH-12 xxMB DRAM w/ ISDN S/T	*	1045		1	V8.12
	ANH-12 xxMB DRAM w/ 3 RD SYNC	*	1032		1	V8.12
	ANH-12 xxMB DRAM w/ 2 ND ENET	*	1035		1	V8.12
	ANH-12 xxMB DRAM w/ CSU/DSU	*	1093		1	V11.01 (2)
	ANH-12 xxMB DRAM w/ T1/FT1	*	1106		1	V12.10 (3)
	ANH-12 xxMB DRAM w/ E1/FE1	*	1125		1	V12.20 (4)
AE1101002	AN-TOKEN RING 1X2 4MB DRAM		1037	111374	1	V8.12
AE1101003	AN-TOKEN RING 1X2 8MB DRAM	*	1037	111374	1	V8.12
AE1101004	AN-TOKEN RING 1X2 16MB DRAM	*	1037	111374	1	V8.12
	AN-TOKEN RING 1X2 xxMB DRAM w/ ISDN S/T	*	1046		1	V8.12
	AN-TOKEN RING 1X2 xxMB DRAM w/ 3 RD SYNC	*	1039		1	V8.12
	AN-TOKEN RING 1X2 xxMB DRAM w/ CSU/DSU	*	1091		1	V11.01 (2)
	AN-TOKEN RING 1X2 xxMB DRAM w/ T1/FT1	*	1102		1	V12.10 (3)
	AN-TOKEN RING 1X2 xxMB DRAM w/ E1/FE1	*	1121		1	V12.20 (4)
AE1101006	AN-ENET/TOKEN RING 2X2 4MB DRAM		1025	111372	1	V8.12
AE1101007	AN-ENET/TOKEN RING 2X2 8MB DRAM	*	1025	111372	1	V8.12
AE1101008	AN-ENET/TOKEN RING 2X2 16MB DRAM	*	1025	111372	1	V8.12
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ ISDN S/T	*	1044		1	V8.12
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ 3 RD SYNC	*	1031		1	V8.12
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ CSU/DSU	*	1092		1	V11.01 (2)
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ T1/FT1	*	1104		1	V12.10 (3)
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ E1/FE1	*	1123		1	V12.20 (4)
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ N11 DCM	*	1042		1	V9.00
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ISDN S/T & N11 DCM	*	1063		1	V9.00
	AN-ENET/TOKEN 2X2 xxMB DRAM w/3 RD SYNC & DCM	*	1059		1	V9.00
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ CSU/DSU & DCM	*	1097		1	V11.01 (2)
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ T1/FT1 & N11 DCM	*	1116		1	V12.10 (3)
	AN-ENET/TOKEN 2X2 xxMB DRAM w/ E1/FE1 & N11 DCM	*	1135		1	V12.20 (4)

NOTES:

Dial-up Services and Programmable Memory features are supported by all BayStack Access Node models.

* = Current release.

(1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.

(2) = Diagnostic PROM code V7.24 or higher is required to support the CSU/DSU Adapter Module.

(3) = Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

(4) = Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module

External Model number labeling refers to the base system's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on cards (ISDN S/T BRI, 3rd SYNC, 2nd ENET, CSU/DSU, T1/FT1, E1/FE1, & N11 DCM).

Rows with blank ORDER# fields contain information specific to units configured with optional add-on cards, independent of DRAM size configurations. Only those configurations that are listed are supported.

-48V DC BAYSTACK ACCESS NODES
READ ACROSS for minimum requirements

					Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS
ORDER #	DESCRIPTION	CR	ID	Part #		
AE1001037	DC AN-ENET 1X2 0MB DRAM	*	1024	114029	5	V8.12
AE1001038	DC AN-ENET 1X2 4MB DRAM		1024	114029	5	V8.12
AE1001039	DC AN-ENET 1X2 8MB DRAM	*	1024	114029	5	V8.12
AE1001040	DC AN-ENET 1X2 16MB DRAM	*	1024	114029	5	V8.12
	DC AN-ENET 1X2 xxMB DRAM w/ ISDN S/T	*	1043		5	V8.12
	DC AN-ENET 1X2 xxMB DRAM w/ 3 RD SYNC	*	1030		5	V8.12
	DC AN-ENET 1X2 xxMB DRAM w/ 2 ND ENET	*	1033		5	V8.12
	DC AN-ENET 1X2 xxMB DRAM w/ CSU/DSU	*	1090		5	V11.01 (2)
	DC AN-ENET 1X2 xxMB DRAM w/ T1/FT1	*	1100		5	V12.10 (3)
	DC AN-ENET 1X2 xxMB DRAM w/ E1/FE1	*	1119		5	V12.20 (4)
	DC AN-ENET 1X2 xxMB DRAM w/ N11 DCM	*	1055		5	V9.00
	DC AN-ENET 1X2 xxMB DRAM w/ ISDN S/T & N11 DCM	*	1062		5	V9.00
	DC AN-ENET 1X2 xxMB DRAM w/ 3 RD SYNC & N11 DCM	*	1056		5	V9.00
	DC AN-ENET 1X2 xxMB DRAM w/ 2 ND ENET & N11 DCM	*	1057		5	V9.00
	DC AN-ENET 1X2 xxMB DRAM w/ CSU/DSU & N11 DCM	*	1095		5	V11.01 (2)
	DC AN-ENET 1X2 xxMB DRAM w/ T1/FT1 & N11 DCM	*	1114		5	V12.10 (3)
	DC AN-ENET 1X2 xxMB DRAM w/ E1/FE1 & N11 DCM	*	1133		5	V12.20 (4)
AE1001041	DC ANH-8 0MB DRAM	*	1047	114027	3	V8.12
AE1001042	DC ANH-8 4MB DRAM		1047	114027	3	V8.12
AE1001043	DC ANH-8 8MB DRAM	*	1047	114027	3	V8.12
AE1001044	DC ANH-8 16MB DRAM	*	1047	114027	3	V8.12
	DC ANH-8 xxMB DRAM w/ ISDN S/T	*	1051		3	V8.12
	DC ANH-8 xxMB DRAM w/ 3 RD SYNC	*	1049		3	V8.12
	DC ANH-8 xxMB DRAM w/ 2 ND ENET	*	1050		3	V8.12
	DC ANH-8 xxMB DRAM w/ CSU/DSU	*	1094		3	V11.01 (2)
	DC ANH-8 xxMB DRAM w/ T1/FT1	*	1108		3	V12.10 (3)
	DC ANH-8 xxMB DRAM w/ E1/FE1	*	1127		3	V12.20 (4)
	DC ANH-8 xxMB DRAM w/ N11 DCM	*	1048		3	V9.00
	DC ANH-8 xxMB DRAM w/ ISDN S/T & N11 DCM	*	1054		3	V9.00
	DC ANH-8 xxMB DRAM w/ 3 RD SYNC & N11 DCM	*	1052		3	V9.00
	DC ANH-8 xxMB DRAM w/ 2 ND ENET & N11 DCM	*	1053		3	V9.00
	DC ANH-8 xxMB DRAM w/ CSU/DSU & N11 DCM	*	1099		3	V11.01 (2)
	DC ANH-8 xxMB DRAM w/ T1/FT1 & N11 DCM	*	1118		3	V12.10 (3)
	DC ANH-8 xxMB DRAM w/ E1/FE1 & N11 DCM	*	1137		3	V12.20 (4)

NOTES:

Dial-up Services and Programmable Memory features are supported by all BayStack Access Node models.

* = Current release.

(1)= All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.

(2)= Diagnostic PROM code V7.24 or higher is required to support the CSU/DSU Adapter Module.

(3)= Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

(4)= Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module

External Model number labeling refers to the base system's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on cards (ISDN S/T BRI, 3rd SYNC, 2nd ENET, CSU/DSU, T1/FT1, E1/FE1, & N11 DCM). Rows with blank ORDER# fields contain information specific to units configured with optional add-on cards, independent of DRAM size configurations. Only those configurations that are listed are supported.

BAYSTACK ACCESS NODE & -48V DC BAYSTACK ACCESS NODE
OPTIONAL ADD-ON ADAPTER MODULES
 READ ACROSS for minimum requirements

				Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS
ORDER #	DESCRIPTION	CR	Part #		
50022	AN / ANH -12 ISDN S/T BRI ADAPTER MODULE	*	107977	1	V8.12
50025	AN / ANH -12 3 RD SYNC ADAPTER MODULE	*	108714	1	V8.12
AE0011010	AN / ANH -12 2 ND ETHERNET ADAPTER MODULE	*	111658	3	V8.12
AE0011011	AN MODEL N11 DATA COLLECTION MODULE (DCM)	*	960-470-X	A	V9.00
AE0011012	ANH -8 3 RD SYNC ADAPTER MODULE	*	960-11866-A	1	V8.12
AE0011013	ANH -8 ISDN S/T BRI ADAPTER MODULE	*	960-11865-A	3	V8.12
AE0011014	ANH -8 2 ND ETHERNET ADAPTER MODULE	*	960-12260-A	3	V8.12
AE0011015	ANH -8 MODEL N11 DATA COLLECTION MODULE	*	960-470-X	A	V9.00
AE0011025	AN / ANH -12 CSU/DSU ADAPTER MODULE	*	115112-A	2	V11.01 (2)
AE0011026	ANH -8 CSU/DSU ADAPTER MODULE	*	115116-A	2	V11.01 (2)
AE0011029	AN / ANH -12 T1/FT1 ADAPTER MODULE	*	114922-A	1	V12.10 (3)
AE0011030	ANH -8 T1/FT1 ADAPTER MODULE	*	114931-A	1	V12.10 (3)
AE0011031	AN / ANH -12 E1/FE1 ADAPTER MODULE (RJ)	*	300319-A	1	V12.20 (4)
AE0011032	AN / ANH -12 E1/FE1 ADAPTER MODULE (BNC)	*	300319-A	1	V12.20 (4)
AE0011033	ANH -8 E1/FE1 ADAPTER MODULE (RJ)	*	300326-A	1	V12.20 (4)
AE0011034	ANH -8 E1/FE1 ADAPTER MODULE (BNC)	*	300326-A	1	V12.20 (4)

NOTES:

* = Current release.

(1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.

(2) = Diagnostic PROM code V7.24 or higher is required on the BayStack Access Node to support the CSU/DSU Adapter Module.

(3) = Diagnostic PROM code V7.30 or higher is required to support the T1/FT1 Adapter Module.

(4) = Diagnostic PROM code V7.32 or higher is required to support the E1/FE1 Adapter Module

ACCESS STACK NODES

READ ACROSS for minimum requirements

Order# (Factory Install / Field Upgr.)	Description	CR	ID	Part #	Minimum Support	MINIMUM SOFTWARE REQUIREMENTS	
					Revision (1)	BayStream	ROUTER
30001	ASN BASE UNIT - 8MB DRAM		1024	107072-08 / 110341-08	2	V5.00	V8.00
30002	ASN BASE UNIT - 16MB DRAM		1024	107072-16 / 110341-16	2	V5.00	V8.00
30003	ASN BASE UNIT - 32MB DRAM		1024	107072-32 / 110341-32	2	V5.00	V8.00
30004	ASN DUAL PORT CACHE MEMORY OPTION (5)		-	107806	A	V5.00	V8.00
34000 / 34000-S	DUAL PORT ETHERNET NET MODULE	*	1280	107944	1	V5.00	V8.00
34001 / 34001-S	DUAL PORT SYNCHRONOUS NET MODULE	*	1540	107287	2	V5.00	V8.00
34002 / 34002-S	DUAL PORT TOKEN RING NET MODULE	*	2048	108211	2	V5.00	V8.00
34003	Refer to Model number AF1204001		1793	107868	1	V5.00	V8.00
34004 / 34004-S	SPEX NET MODULE (5)		512	107736	2	V5.00	V8.00
34005 / 34005-S	DUAL SYNC NET MODULE w/ ISDN S/T	*	1588	109356	2	V5.00	V8.10
34007 / 34007-S	SPEX - HOT SWAP NET MODULE	*	769	110097	1	V6.00	V8.10 (2)
34008 / 34008-S	QUAD PORT ISDN BRI NET MODULE	*	2560	110749	1	V6.00	V9.00
34010 / 34010-S	100 BASE-T ETHERNET NET MODULE (7)	*	2304	110242	1	V5.00	V9.00
AA0002001	HRPSU BASE UNIT - SINGLE AC INPUT	*	-	112266	A	N/S	(3)
AA0004001	ASN2 FAST PACKET CACHE MEMORY OPTION (6)	*	-	111787	1	V5.00	V8.00
AA0005003	HRPSU POWER MODULE - AC 200W	*	-	111074	A	N/S	(3)
AF0002x02	ASN2 BASE UNIT 0MB DRAM - NON-REDUNDANT (8)		1025 (4)	112842-00	10	V5.00	V8.00
AF0002x03	ASN2 BASE UNIT 0MB DRAM - REDUNDANT (8)	*	1025 (4)	112842-00	10	V5.00	V8.00 (3)
AF0002A04	-48V DC ASN2 BASE UNIT 0MB DRAM - REDUNDANT	*	1025 (4)	112842-00	10	V5.00	V8.00 (3)
AF0002x08	ASN2 BASE UNIT 8MB DRAM - NON-REDUNDANT (8)		1025 (4)	112842-08	10	V5.00	V8.00
AF0002x09	ASN2 BASE UNIT 16MB DRAM - NON-REDUNDANT (8)		1025 (4)	112842-16	10	V5.00	V8.00
AF0002x10	ASN2 BASE UNIT 32MB DRAM - NON-REDUNDANT (8)		1025 (4)	112842-32	10	V5.00	V8.00
AF0002x11	ASN2 BASE UNIT 8MB DRAM - REDUNDANT (8)	*	1025 (4)	112842-08	10	V5.00	V8.00 (3)
AF0002x12	ASN2 BASE UNIT 16MB DRAM - REDUNDANT (8)	*	1025 (4)	112842-16	10	V5.00	V8.00 (3)
AF0002x13	ASN2 BASE UNIT 32MB DRAM - REDUNDANT (8)	*	1025 (4)	112842-32	10	V5.00	V8.00 (3)
AF0002A14	-48V DC ASN2 BASE UNIT 8MB DRAM - REDUNDANT	*	1025 (4)	112842-08	10	V5.00	V8.00 (3)
AF0002A15	-48V DC ASN2 BASE UNIT 16MB DRAM - REDUNDANT	*	1025 (4)	112842-16	10	V5.00	V8.00 (3)
AF0002A16	-48V DC ASN2 BASE UNIT 32MB DRAM - REDUNDANT	*	1025 (4)	112842-32	10	V5.00	V8.00 (3)
AF1204001 / AF1211001	MULTI-MODE FDDI NET MODULE (formerly Order# 34003)	*	1793	107868	1	V5.00	V8.00
AF1204002 / AF1211002	SINGLEMODE FDDI NET MODULE	*	1801	110424	1	V6.00	V9.00
AF1204003 / AF1211003	HYBRID PHY A FDDI NET MODULE	*	1825	111437	1	V6.00	V9.00
AF1204004 / AF1211004	HYBRID PHY B FDDI NET MODULE	*	1833	111438	1	V6.00	V9.00
AF2104004 / AF2104010	MCE1 NET MODULE	*	2816	111690	1	V6.10	V10.0
AF2104006 / AF2111005	QUAD PORT SYNC NET MODULE (9)	*	1664	112499	1	V7.00	V11.0
AF2104007 / AF2104015	32 CTXTS H/W COMPRESSION NET MODULE	*	3072	112809	1	N/S	V11.0
AF2104012 / AF2104013	128 CTXTS H/W COMPRESSION NET MODULE	*	3073	112511	1	N/S	V11.0
AF2104016 / AF2111001	DUAL PORT MCT1 NET MODULE	*	2944	113289	1	N/S	V11.01
AF2104020 / AF2111006	HSSI NET MODULE (7)	*	3584	114556-A	1	N/S	V12.0

NOTES:

- (1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03), Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher, or BayStream Software V7.1 Rev4.
- (2) = V10.0 Router Software required for Dual PPX cable operation.
- (3) = V11.0 Router Software required to support redundant power supply status detection and reporting.
- (4) = ASN2 motherboard serial number range begins at 039262.
- (5) = Not supported on the ASN2 units. (6) = Not compatible with ASN Order# 3000X Base Units.
- (7) = Base units that support redundant power supply operation (AF0002x03 & AF0002x11-AF0002x13) must have an internal power supply at revision B or higher (or a label affixed to the rear of the unit that reads "MDF744") in order to support the Order# AF2104020 HSSI Net Module or Order# 34010 100Base-Tx Net Module operation when utilizing a fiber transceiver connected to the MII port.
- (8) = The "x" in the Order number refers to a country specific power cord configured with the unit as follows: 0 - No Power Cord, B - Europe Power Cord, C - UK Power Cord, D - Japan Power Cord, E - North America Power Cord, F - Australia Power Cord.
- (9) = A maximum of three Quad Port Synchronous Net Modules (AF2104006 / AF2111005) is supported in a single base unit.

BAYSTACK ADVANCED REMOTE NODE
BASE UNIT CONFIGURATIONS
 READ ACROSS for minimum requirements

					Minimum Support	MINIMUM SOFTWARE
Order#	Description	CR	ID	Part #	Revision (1)	REQUIREMENTS (2)
CV1001001	ARN ETHERNET BASE w/ 0MB DRAM	*	8720	112877-00 303657-A	2	V11.0/4N
CV1001002	ARN ETHERNET BASE w/ 4MB DRAM		8720	112877-04	2	V11.0/4N
CV1001003	ARN ETHERNET BASE w/ 8MB DRAM	*	8720	112877-08 303658-A	2	V11.0/4N
CV1001004	ARN ETHERNET BASE w/ 16MB DRAM	*	8720	112877-16 303659-A	2	V11.0/4N
CV1001005	ARN ETHERNET BASE w/ 32MB DRAM	*	8720	112877-32 303660-A	2	V11.0/4N
	ARN ENET BASE - xxMB DRAM w/ DCM	*	8896		2	V11.02 (3)
CV1001008	ARN -48VDC ETHERNET BASE w/ 8MB DRAM	*	8720	112877-08 303658-A	9	V11.0/4N
CV1001009	ARN -48VDC ETHERNET BASE w/ 16MB DRAM	*	8720	112877-16 303659-A	9	V11.0/4N
CV1001010	ARN -48VDC ETHERNET BASE w/ 32MB DRAM	*	8720	112877-32 303660-A	9	V11.0/4N
CV1001013	ARN 10/100M-TX UTP BASE w/ 8MB DRAM	*	8728	116345-A 116345-B	2	V12.10
CV1001014	ARN 10/100M-TX UTP BASE w/ 16MB DRAM	*	8728	116346-A 116346-B	2	V12.10
CV1001015	ARN 10/100M-TX UTP BASE w/ 32MB DRAM	*	8728	116347-A 116347-B	2	V12.10
CV1001018	ARN 100M-FX FIBER BASE w/ 8MB DRAM	*	8729	116350-A 116350-B	2	V12.10
CV1001019	ARN 100M-FX FIBER BASE w/ 16MB DRAM	*	8729	116351-A 116351-B	2	V12.10
CV1001020	ARN 100M-FX FIBER BASE w/ 32MB DRAM	*	8729	116352-A 116352-B	2	V12.10
CV1101001	ARN TOKEN RING BASE w/ 0MB DRAM	*	8704	112891-00	2	V11.0/4N
CV1101003	ARN TOKEN RING BASE w/ 8MB DRAM	*	8704	112891-08	2	V11.0/4N
CV1101004	ARN TOKEN RING BASE w/ 16MB DRAM	*	8704	112891-16	2	V11.0/4N
CV1101005	ARN TOKEN RING BASE w/ 32MB DRAM	*	8704	112891-32	2	V11.0/4N

External Model number labeling refers to the base module's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on Adapter or Expansion Modules

Notes:

- (1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.
- (2) = Site Manager revision 5.00/4N or higher is required to manage the ARN platform correctly.
- (3) = Diagnostic PROM code V1.30 or higher is required on the BayStack ARN Base Module to support the DCM Adapter.

**BAYSTACK ADVANCED REMOTE NODE
SERIAL ADAPTER AND EXPANSION MODULES**
READ ACROSS for minimum requirements

Order# (Factory Install / Field Upgr.)	Description	CR	ID	Part #	Minimum Support	MINIMUM SOFTWARE
					Revision (1)	REQUIREMENTS (2)
CV0004001 / CV0011001	ARN SERIAL ADAPTOR MODULE	*	8736	114013	2	V11.0/4N
CV0004002 / CV0011002	ARN ISDN BRI S/T (without NT1) ADAPTOR MODULE (6)	*	8784	114009	4	V11.0/4N
CV0004003 / CV0011003	ARN ISDN BRI U (with NT1) ADAPTOR MODULE	*	8800	113448	1	V11.0/4N
CV0004004 / CV0011004	ARN 56/64K DSU/CSU ADAPTOR MODULE (6)	*	8768	113437	B	V11.0/4N
CV0004005 / CV0011005	ARN V.34 MODEM ADAPTOR MODULE	*	8752	113457	1	V11.0/4N
CV0004011 / CV0011011	ARN TRI-SERIAL PORT EXPANSION MODULE	*	8848	113259	1	V11.0/4N
CV0004012 / CV0011012	ARN ETHERNET PORT EXPANSION MODULE	*	8832	113242	1	V11.0/4N
	ARN ETHERNET EXPANSION MODULE w/ DCM	*	8928		1	V11.02 (3)
CV0004013 / CV0011013	ARN TOKEN RING PORT EXPANSION MODULE	*	8816	113251	1	V11.0/4N
CV0004014 / CV0011014	ARN ETHERNET & TRI-SERIAL EXPANSION MODULE	*	8864	113034	1	V11.0/4N
	ARN ENET & TRI-SERIAL EXPANSION MODULE w/ DCM	*	8960		1	V11.02 (3)
CV0004015 / CV0011015	ARN TOKEN RING & TRI-SERIAL EXPANSION MODULE	*	8880	113121	1	V11.0/4N
CV0004020 / CV0011020	ARN V.34 MODEM CONSOLE MODULE	*	8752	114017	1	V11.0/4N
CV0004021 / CV0011021	ARN ETHERNET DATA COLLECTION MODULE	*	-	960-470-X	B	V11.02 (3)
CV0004022 / CV0011033	ARN X.25 PAD ADAPTOR & BREAKOUT BOX	*	8808	115982-A	1	V12.10 (4)
CV0004023 / CV0011034	ARN T1/FT1 DSU/CSU ADAPTOR MODULE	*	8776	114936-A	1	V12.10 (4)
CV0004024 / CV0011040	ARN E1/FE1 ADAPTOR MODULE (RJ)	*	8780	118628-A	1	V12.20 (5)
CV0004025 / CV0011041	ARN E1/FE1 ADAPTOR MODULE (BNC)	*	8780	118628-A	1	V12.20 (5)
CV0004026 / CV0011042	ARN ETHERNET & 7-SERIAL EXPANSION MODULE	*	8872	119413-A	1	V13.10
	ARN ENET & 7-SERIAL EXPANSION MODULE w/ DCM	*	8972		1	V13.10 (3)
CV0004027/CV0011043	ARN 7-SERIAL PORT EXPANSION MODULE	*	8873	119414-A	1	V13.10

External Model number labeling refers to the base module's LAN technology and DRAM size configuration only, and does not reflect the presence of optional add-on Adaptor or Expansion Modules

Notes:

- (1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03) or Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher.
- (2) = Site Manager revision 5.00/4N or higher is required to manage the ARN platform correctly.
- (3) = Diagnostic PROM code V1.30 or higher is required on the BayStack ARN Base Module to support the DCM Adaptor.
- (4) = Diagnostic PROM code V2.00 or higher is required on the BayStack ARN Base Module to support the X.25 PAD and T1/FT1 Adaptor.
- (5) = Diagnostic PROM code V2.06 or higher is required on the BayStack ARN Base Module to support the E1/FE1 Adaptor.
- (6) = The ISDN S/T Adaptor Module (CV0004002 / CV0011002) must be at a minimum functional revision of 09 in order to insure interoperability with a 56/64K CSU/DSU Adaptor Module (CV0004004 / CV0011004) in the same Base unit.

SYSTEM 5000 ROUTERS

READ ACROSS for minimum requirements

					Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS	
Order#	Description	CR	ID	Part #		BayStream	ROUTER
AD1004003	MODEL 5380 ETHERNET ROUTER MODULE (2)	*	1408	110815	3	V7.0	REV/10.0/1d
AD1033007	ROUTER DUAL ETHERNET NET MODULE	*	1280	110675	1	V7.0	REV/10.0/1d
AD1104001	MODEL 5580 TOKEN RING ROUTER MODULE (2)	*	2176	110818	2	V7.0	REV/10.0/1d
AD1133002	ROUTER DUAL TOKEN RING NET MODULE	*	2048	110702	3	V7.0	REV/10.0/1d
AD1233002	ROUTER MULTIMODE FDDI NET MODULE	*	1793	110704	2	V7.0	REV/10.0/1d
AD1233004	ROUTER SINGLEMODE FDDI NET MODULE		1801	113467	2	V7.0	V10.01
AD1233006	ROUTER HYBRID PHY A FDDI NET MODULE		1825	113468	2	V7.0	V10.01
AD1233008	ROUTER HYBRID PHY B FDDI NET MODULE		1833	113469	2	V7.0	V10.01
AD1304006	MODEL 5780 ATM ROUTER MODULE - 16M DRAM / 3MB VBM		1536	111869	3	N/S	V10.01
AD1304007	MODEL 5780 ATM ROUTER MODULE - 32M DRAM / 6MB VBM		1536	111870	3	N/S	V10.01
CL1304006	MODEL 5782 ATM VNR MODULE - 32M DRAM / 6MB VBM	*	1795	114187	46	N/S	V12.20
CL1304007	MODEL 5782 ATM VNR MODULE - 64M DRAM / 6MB VBM	*	1795	114188	46	N/S	V12.20
AD2111004	ROUTER HSSI NET MODULE	*	3584	114566-A	1	N/S	V12.00
AD2133002	ROUTER DUAL SYNC NET MODULE	*	1540	110710	5	V7.0	REV/10.0/1d
AD2133004	ROUTER QUAD PORT ISDN BRI NET MODULE	*	2560	112051	1	V7.0	REV/10.0/1d
AD2133006	ROUTER MCE1 NET MODULE	*	2816	113745	1	V7.0	V11.00
AD2133008	ROUTER DUAL PORT MCT1 NET MODULE	*	2944	113936	1	N/S	V11.01
AD2133010	ROUTER QUAD PORT SYNC NET MODULE	*	1664	113812	1	V7.0	V11.00
AD2133012	ROUTER 32 CTXTS H/W COMPR. NET MODULE	*	3072	113621	1	N/S	V11.00
AD2133015	ROUTER 128 CTXTS H/W COMPR. NET MODULE	*	3073	113618	1	N/S	V11.00
AD2233002	ROUTER 100 BASE-T ETHERNET NET MODULE	*	2304	112050	1	V7.0	REV/10.0/1d

NOTES:

- (1) = All units at the Minimum Support Revision or higher are considered Year 2000 Compliant when operating with Router Software V11.03 (Site Manager 5.03), Router Software V12.0 Rev2 (Site Manager 6.0 Rev2) and higher, or BayStream Software V7.1 Rev4.
- (2) = Base units are not configured with DRAM. 8MB, 16MB and 32MB DRAM kits are sold separately.

SWITCH NODES

READ ACROSS for minimum requirements

					Minimum Support Revision (1)	MINIMUM SOFTWARE REQUIREMENTS
Order#	Description	CR	ID	Part #		
DC3600001	ACCELAR 100 FAN ASSEMBLY		-	113377-B	B	-
DC3602x01	ACCELAR 100 BASE UNIT (2)		24576	113067	B	V1.0
DC3604001	ACCELAR 100 CPU MODULE w/ 0MB DRAM		2561	114252-00	2	V1.0
DC3604002	ACCELAR 100 CPU MODULE w/ 16MB DRAM		2561	114252-16	2	V1.0
DC3604003	ACCELAR 100 CPU MODULE w/ 32MB DRAM		2561	114252-32	2	V1.0
DC3605001	ACCELAR 100 INTERNAL POWER SUPPLY		-	112490	A	-
DC3611006	ACCELAR 100 REDUNDANT POWER INTERFACE		-	112675	1	V1.0
DC3611008	ACCELAR 100 10BASE-T MODULE w/ 2MB SRAM (3)		17920	114694-A	2	V1.0
DC3611010	ACCELAR 100 10BASE-FL MODULE w/ 2MB SRAM (3)		17408	112083	2	V1.0
DC3611012	ACCELAR 100 100BASE-T MODULE w/ 2MB SRAM (3)		18176	114710-A	1	V1.0
DC3611014	ACCELAR 100 100BASE-FX MODULE w/ 2MB SRAM (3)		17664	112092	1	V1.0 Rev.1
AA0004001	FAST PACKET CACHE OPTION	*	-	111787	1	V1.0

NOTES:

- (1) = All units at the Minimum Support Revision or higher are Year 2000 Compliant.
- (2) = The "x" in the Order number refers to a country specific power cord configured with the unit as follows: 0 - No Power Cord, B - Europe Power Cord, C - UK Power Cord, D - Japan Power Cord, E - North America Power Cord, F - Australia Power Cord.
- (3) = Accelar 100 Modules are shipped from the factory configured with 2MB of SRAM. Addition SRAM expansion memory upgrades can be installed in the field.

VERSALAR 15000
READ ACROSS for minimum requirements

Order#	Description	CR	ID	Part #	Minimum Support Revision	MINIMUM SOFTWARE REQUIREMENTS
						CNS
DP0002001	VERSALAR 15000 12 SLOT CHASSIS w/ AC POWER SUPPLY		26368	302921-A	17	-
DP0002003	VERSALAR 15000 12 SLOT CHASSIS w/ DC POWER SUPPLY		26368	302923-A	15	-
DP0002004	VERSALAR 15000 DC Optimized 12 SLOT CHASSIS	*	27648	306811-A	01	V1.2.0.0
DP0011001	CHANNELIZED ACCESS PROCESSOR (CAP) FOR FT1,T1,T3	*	25856	303473-A 303473-B	01	V1.0.0.0
DP0011002	ATM TRUNK PROCESSOR OC-12c (ATP-OC12)	*	25600	300921-B 300921-A	01	V1.0.0.0
DP0011003	SYSTEM SERVICES PROCESSOR (SSP) w/ 128MB (1)		25088	302946-A 302946-B	01	V1.0.0.0
DP0011004	SYSTEM SERVICES PROCESSOR (SSP) w/ 256MB	*	25088	302946-A 302946-B	01	V1.0.0.0
DP0011005	INTERNET FORWARDING PROCESSOR (IFP) w/ RSP	*	25344	303472-A	01	V1.0.0.0
DP0011007	CHANNELIZED 2xOC3 PHY SINGLE MODE	*	24864	300417-A 300417-B	01	V1.1.0.0
DP0011008	CHANNELIZED 2xOC3 PHY MULTI MODE	*	24865	306914-A 306914-B	01	V1.1.0.0
DP0011009	SSP-E (ETHERNET) INTERFACE CARD	*	24912	303283-A	01	V1.0.0.0
DP0011010	SSP-C (CONSOLE) INTERFACE CARD	*	24896	300459-A	01	V1.0.0.0
DP0011013	1xOC-12c/STM-4 TRUNK INTERFACE SINGLE MODE (IR)		24880	300386-A	01	V1.0.0.0
DP0011013	1xOC-12c/STM-4 TRUNK INTERFACE SINGLE MODE (IR)	*	24880	300386-B	04	V1.0.0.0
DP0011014	1xOC-12c/STM-4 TRUNK INTERFACE MULTI MODE	*	24881	306017-A	01	V1.1.0.0
DP0011015	VERSALAR 15000 AC POWER SUPPLY		-	301188-A	04	-
DP0011016	6xT-3 (HEX T3) CHANNELIZED ACCESS INTERFACE (2)	*	24848	300407-A	01	V1.0.0.0
DP0011018	VERSALAR 15000 DC POWER SUPPLY		-	301189-A	03	-
DP0011019	VERSALAR 15000 COOLING MODULE		-	301369-A	09	-
DP0011020	V15K AIR FLOW MODULE FOR PROCESSOR SLOT	*	-	302939-B	01	-
DP0011021	V15K AIR FLOW MODULE FOR INTERFACE SLOT	*	-	302940-B	01	-
DP0011028	V15K ACCESS REDUNDANCY MODULE (ARM)	*	24849	304932-A 304932-B	01	V1.0.0.0
DP0011030	V15K CLEAR DS3 ACCESS PROCESSOR (CAP-DS3)	*	25858	306818-A	02	V1.1.0.0
DP0011031	V15K CHANNELIZED DS3 AND CLEAR DS3 ACCESS PROCESSOR (CAP-M13/DS3) FOR FT1,T1,T3	*	25860	306817-A	02	V1.1.0.0
DP0011032	V15K ATM ACCESS PROCESSOR (AAP) FOR SONET/SDH	*	27136	306494-A	01	V1.3.0.0
DP0011033	4xOC3 ATM phy SINGLE MODE	*	24976	304878-A	01	V1.2.0.0
DP0011034	4xOC3 ATM phy MULTI MODE	*	24977	303782-A	01	V1.2.0.0
DP0011038	V15K 1x1000 BASE-SX GIGABIT ETHERNET INTERFACE	*	29184	304342-A	02	V1.3.0.0
DP0011039	V15K 1x1000 BASE-LX GIGABIT ETHERNET INTERFACE	*	29185	304358-A	02	V1.3.0.0
DP0011040	V15K PACKET TRUNK PROCESSOR (PTP)	*	26624	304175-A	02	V1.3.0.0
DP0011045	V15K 2xOC3/SDH AAP ACCESS INTFCE W/APS SM (IR)	*	24928	306503-A	01	V1.3.0.0
DP0011046	V15K 2xOC3/SDH AAP ACCESS INTFCE W/APS MM	*	24929	307079-A	01	V1.3.0.0
DP0011047	Channelized Access Processor (E1, DS0) for International (ECAP)	*	27392	307385-A	01	V2.0.0.0
DP0011050	1xSTM-1 ECAP Channelized Access Interface Single-mode (IR)	*	24944	307386-A	01	V2.0.0.0
DP0011051	1xSTM-1 ECAP Channelized Access Interface Multi-mode	*	24945	307387-A	01	V2.0.0.0
DP0011053	AC Power shelf w/power supply (304372-X w/304371-X) shelf contains DP0011055	*	-	304372-C	C	-
DP0011054	VERSALAR 15000 DC Power Supply (BAC2)	*	-	305933-A	01	-
DP0011055	V15K AC ADD ON Power Supply FOR USE W/ DP0011053	*	-	304371-D	D	-
DP0011057	V15K-12 CHASSIS SPARE (DC Optimized)	*	27648	306811-A	01	V1.2.0.0
DP0011058	VERSALAR 15000 COOLING MODULE (BAC2)	*	-	307306-A	01	-
DP0011059	23" Rack mount kit	*	-	308393-A	01	-
DP0011060	Bezel kit	*	-	309148-A	01	-
DP0011061	Power supply blank converter	*	-	306812-A	01	-

All Versalar 15000 Products are fully Year 2000 Compliant.

NOTES:

- (1) = System Services Processor 128MB to 256MB Memory Field Upgrade Kit is available (Order# DP0011006).
- (2) = Minimum supported revision is Rev 05 when used in a redundant configuration within a DP0011057 (BAC2) chassis.