PA-RISC 1.1 Firmware Architecture Reference Specification

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B. Version and Identification Numbers

B.1 Allocation

Allocation of all version numbers and IDs is controlled by the System Architecture Lab. Requests for number assignments should be sent to the address listed in the Preface.

B.2 Version Numbers

B.2.1 Module Version Numbers

Both hardware and software model numbers (HVERSION[model] and SVERSION[model]) are assigned beginning at 4 and at intervals of 1. Software revision levels (SVERSION[rev]) begin at 0 and are incremented by 1 for each new revision.

The table below shows the assigned TYPE, SVERSION, and HVERSION numbers for each of the current modules. It is sorted in order of increasing SVERSION[model] value. All values are hexadecimal.

TABLE B-1. Module Version Numbers

Module	TYPE	SVERS		HVERSION
		Model	Opt	Model
Native Processor ¹	NPROC	00004	XX	XXX
Indigo (840, 930)	NPROC	00004	01	004
Firefox (825, 925)	NPROC	00004	01	008
Top Gun (835, 834, 935, 635)	NPROC	00004	01	00A
Technical Shogun (845, 645)	NPROC	00004	01	00B
Commercial Shogun (949)	NPROC	00004	01	00F
Cheetah (850, 950)	NPROC	00004	01	00C
Cheetah (950S)	NPROC	00004	01	080
Jaguar (855, 955)	NPROC	00004	01	081
Cougar (860, 960)	NPROC	00004	01	082
Panther (865, 870, 980)	NPROC	00004	13	083
Burgundy (810)	NPROC	00004	01	100
SilverFox Low (822, 922)	NPROC	00004	01	101
SilverFox High (832, 932)	NPROC	00004	01	102
Lego, SilverLite (815, 808, 920)	NPROC	00004	01	103
SilverBullet Low (842, 948)	NPROC	00004	03	104
SilverBullet High (852, 958)	NPROC	00004	03	105
Oboe	NPROC	00004	81	106
Dragon	NPROC	00004	12	180
Chimera (890, 990, 992)	NPROC	00004	13	181
TNT 100 (891,T500)	NPROC	00004	91	182
TNT 120 (892,T520)	NPROC	00004	91	183
Jade 180 U (893,T540)	NPROC	00004	91	184
Hitachi X Processor	NPROC	00004	91	1FF
Cobra (720)	NPROC	00004	81	200
Coral (750)	NPROC	00004	81	201
King Cobra (730)	NPROC	00004	81	202
Hardball (735/99)	NPROC	00004	81	203
Coral II (755/99)	NPROC	00004	81	204
Coral II (755/125)	NPROC	00004	81	205
Snake Eagle	NPROC	00004	91	205
Snake Cheetah (735/130)	NPROC	00004	81	206
Nova Low (817, 827, 957, 957LX)	NPROC	00004	81	280
Nova High (837, 847, 857, 967, 967LX)	NPROC	00004	81	281
Nova8 (807, 917, 917LX, 927, 927LX, 937, 937LX, 947, 947LX)	NPROC	00004	81	282
Nova64 (867, 877, 977)	NPROC	00004	81	283
TNova (887, 897, 987)	NPROC	00004	81	284

Iodule	TYPE	SVERS Model	Opt	HVERSIO Model
TNova64	NPROC	00004	81	285
Hydra64 (Nova)	NPROC	00004	91	286
Hydra96 (Nova)	NPROC	00004	91	287
TNova96	NPROC	00004	81	288
Bushmaster (710)	NPROC	00004	81	300
Flounder (705)	NPROC	00004	81	302
Scorpio (715/50)	NPROC	00004	81	310
Scorpio Jr.(715/33)	NPROC	00004	81	311
Strider-50 (715S/50)	NPROC	00004	81	312
Strider-33 (715S/33)	NPROC	00004	81	313
Frailways-50 (715T/50)	NPROC	00004	81	313
Frailways-30 (7151/30)	NPROC	00004	81	314
Scorpio Sr.(715/75)	NPROC	00004	81	316
Scorpio 31.(713/73)	NPROC	00004	81	317
Spectra (725/50)	NPROC	00004	81	317
•		00004	81	319
Spectra (725/75)	NPROC	00004	81	319
Spectra (725/100)	NPROC			
Pace (745i, 747i)	NPROC	00004	81	401
Sidewinder (742i)	NPROC	00004	81	402
Fast Pace	NPROC	00004	81	403
Orville (E23)	NPROC	00004	81	480
Wilbur (E25)	NPROC	00004	81	481
WB-80 (E35)	NPROC	00004	81	482
WB-96 (E45)	NPROC	00004	81	483
UL Proc L-100 (811/D210,D310)	NPROC	00004	81	484
UL Proc L-75 (801/D200)	NPROC	00004	81	485
Merlin L2 132 (9000/778/B132L)	NPROC	00004	81	501
Merlin L2 160 (9000/778/B160L)	NPROC	00004	81	502
Merlin L2+ 132 (9000/778/B132L)	NPROC	00004	81	503
Merlin L2+ 180 (9000/778/B180L)	NPROC	00004	81	504
Raven L2 132 (9000/778/C132L)	NPROC	00004	81	505
Raven L2 160 (9000/779/C160L)	NPROC	00004	81	506
Raven L2 180 (9000/779/C180L)	NPROC	00004	81	507
Raven L2 160 (9000/779/C160L)	NPROC	00004	81	508
712/132 L2 Upgrade	NPROC	00004	81	509
712/160 L2 Upgrade	NPROC	00004	81	50A
715/132 L2 Upgrade	NPROC	00004	81	50B
715/160 L2 Upgrade	NPROC	00004	81	50C
Rocky2 L2 120	NPROC	00004	81	50D
Rocky2 L2 150	NPROC	00004	81	50E
Anole L2 132 (744)	NPROC	00004	81	50F
Anole L2 165 (744)	NPROC	00004	81	510
Kiji L2 132	NPROC	00004	81	511
UL L2 132 (803/D220,D320)	NPROC	00004	81	512
UL L2 160 (813/D220,D320)	NPROC	00004	81	513
Merlin Jr L2 132	NPROC	00004	81	514
Staccato L2 132	NPROC	00004	81	515
Staccato L2 180	NPROC	00004	81	516
	NPROC	00004	81	580

Iodule KittyHawk DC3-120 (K210)	TYPE	Model	Opt	Model
KittyHawk DC3-120 (K210)	i			
Kitty11awk DC3-120 (K210)	NPROC	00004	91	581
KittyHawk DC3 100 (K400)	NPROC	00004	91	582
KittyHawk DC3 120 (K410)	NPROC	00004	91	583
LighteningHawk T120	NPROC	00004	91	584
SkyHawk 100	NPROC	00004	91	585
SkyHawk 120	NPROC	00004	91	586
UL Proc 1-way T'120	NPROC	00004	81	587
UL Proc 2-way T'120	NPROC	00004	91	588
UL Proc 1-way T'100 (821/D250,D350)	NPROC	00004	81	589
UL Proc 2-way T'100 (831/D250,D350)	NPROC	00004	91	58A
KittyHawk DC2 100 (K200)	NPROC	00004	91	58B
ThunderHawk DC3- 120 1M (K220)	NPROC	00004	91	58C
ThunderHawk DC3 120 1M (K420)	NPROC	00004	91	58D
Raven 120 T'	NPROC	00004	81	58E
Mohawk 160 U 1M DC3 (K450)	NPROC	00004	91	58F
Mohawk 180 U 1M DC3 (K460)	NPROC	00004	91	590
Mohawk 200 U 1M DC3	NPROC	00004	91	591
Raven 100 T'	NPROC	00004	81	592
FireHawk 160 U	NPROC	00004	91	593
FireHawk 180 U	NPROC	00004	91	594
FireHawk 220 U	NPROC	00004	91	595
FireHawk 240 U	NPROC	00004	91	596
SPP2000 processor	NPROC	00004	91	597
Raven U 230 (9000/780/C230)	NPROC	00004	81	598
Raven U 240 (9000/780/C240)	NPROC	00004	81	599
Kaven 6 240 (7000/700/6240)	NPROC	00004	XX	59A
Raven U 160 (9000/780/C160)	NPROC	00004	81	59B
Raven U 180 (9000/780/C180)	NPROC	00004	81	59C
Raven U 200 (9000/780/C200)	NPROC	00004	81	59D
ThunderHawk T' 120	NPROC	00004	91	59E
Raven U 180+ (9000/780/????)	NPROC	00004	91	59E
UL 1w T120 1MB/1MB (841/D260,D360)	NPROC	00004	81	5A0
UL 2w T120 1MB/1MB (851/D260,D360)	NPROC	00004	91	5A1
UL 1w U160 512K/512K (861/D270,D370)	NPROC	00004	81	5A1
UL 2w U160 512K/512K (871/D270,D370)	NPROC	00004	91 91	5A3
Mohawk 160 U 1M DC3- (K250) Mohawk 180 U 1M DC3- (K260)	NPROC			5A4
` ,	NPROC	00004	91	5A5
Mohawk 200 U 1M DC3-	NPROC	00004	91	5A6
UL proc 1-way U160 1M/1M	NPROC	00004	81	5A7
UL proc 2-way U160 1M/1M	NPROC	00004	91	5A8
UL proc 1-way U180 1M/1M	NPROC	00004	81	5A9
UL proc 2-way U180 1M/1M	NPROC	00004	91	5AA
Obsolete	NPROC	00004	XX	5AB
Obsolete	NPROC	00004	XX	5AC
BraveHawk 180MHz DC3-	NPROC	00004	91	5AD
BraveHawk 200MHz DC3- (898/K370)	NPROC	00004	91	5AE
BraveHawk 220MHz DC3-	NPROC	00004	91	5AF
BraveHawk 180MHz DC3	NPROC	00004	91	5B0
BraveHawk 200MHz DC3 (899/K570)	NPROC	00004	91	5B1

SVERS		HVERSIO	
Model	Opt	Model	
00004	91	5B2	
00004	91	5B3	
00004	91	5B4	
00004	91	5B5	
00004	91	5B6	
00004	91	5B7	
00004	91	5B8	
00004	81	5B9	
00004	91	5BA	
00004	81	5BB	
00004	81	5BC	
00004	91	5BD	
00004	91	5BE	
00004	91	5BF	
00004	91	5C0	
00004	91	5C1	
00004	??	5FF	
00004	81	600	
00004	81	601	
00004	81	602	
00004	81	603	
00004	81	604	
00004	81	605	
00004	81	606	
00004	81	607	
00004	81	608	
00004	81	609	
00004	81	60A	
00004	81	60B	
00004	81	60C	
00004	81	60D	
00004	81	60E	
	81	610	
00004	81		
00004		611	
00004	81	612	
00004	81	613	
00004	81	614	
00004	81	615	
00004	81	616	
00004	81	617	
00004	81	618	
00004	81	619	
00004	81	61A	
00004	81	61B	
00004	81	61C	
00004	81	67E	
00004	81	67F	
00004	91	700	
80000	XX	XXX	

MEMORY	Model 00008 00008 00008 00008 00008 00009 00009 00009 00009 00009	Opt 00 08 08 08 08 00 xx 00 00	Model 002 00C 00D 00E 00F 040 xxx
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MEMORY	00008 00008 00008 00008 00009 00009 00009	08 08 08 08 00 xx 00 00	00C 00D 00E 00F 040 xxx
MEMORY	00008 00008 00008 00008 00009 00009 00009	08 08 08 00 xx 00 00	00D 00E 00F 040 xxx
MEMORY	00008 00008 00008 00009 00009 00009	08 08 00 xx 00 00	00E 00F 040 xxx
MEMORY	00008 00008 00009 00009 00009	08 00 xx 00 00	00F 040 xxx
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MEMORY	00009	00	00E
	00009	00	012
MEMORY	00009	00	013
MEMORY	00009	00	014
MEMORY	00009	00	015
MEMORY	00009	00	016
MEMORY	00009	00	017
MEMORY	00009	00	018
MEMORY	00009	00	019
MEMORY	00009	00	01A
MEMORY	00009	00	01B
MEMORY	00009	00	01C
MEMORY	00009	00	01D
MEMORY	00009	00	01E
MEMORY	00009	00	01E
MEMORY	00009	00	020
MEMORY	00009	00	020
MEMORY	00009	00	021
MEMORY	00009	00	022
MEMORY	00009	00	025
MEMORY	00009	00	020
MEMORY	00009	00	027
MEMORY	00009	00	028
MEMORY	00009	00	029 02A
MEMORY	00009	00	02A 02F
MEMORY	00009	00	030
			030
			031
			032
			033
			034
			035
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			038
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VIEWORY	00009	UU	03B
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Gila 120 Scorpio-L 80 Scorpio-L 100 Scorpio-L 100 Scorpio-L 120 MEMORY Scorpio-L 120 MEMORY Spectra-L 80 Spectra-L 100 MEMORY MO009 MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MEMORY MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MEMORY MEMORY MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MO009 MO MEMORY MEMOR		TYPE	SVERS Model	SION Opt	HVERSIO Model
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Scorpio-L 100					03E
Scorpio-L 120	•				03E
Spectra-L 80 MEMORY 00009 00 Spectra-L 100 MEMORY 00009 00 Spectra-L 120 MEMORY 00009 00 Piranha 100 MEMORY 00009 00 Piranha 120 MEMORY 00009 00 Jason 50 MEMORY 00009 00 Jason 100 MEMORY 00009 00 SkyHawk 100/120 MEMORY 00009 00 Mirage Jr MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 100+ MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 80 MEMORY 00009 00 UL Proc 1 way T'100 MEMORY 00009 00 UL Proc 1 way T'120 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY	•				040
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Spectra-L 120 MEMORY 00009 00 Piranha 100 MEMORY 00009 00 Piranha 120 MEMORY 00009 00 Jason 50 MEMORY 00009 00 Jason 100 MEMORY 00009 00 SkyHawk 100/120 MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 100+ MEMORY 00009 00 Mirage 100+ MEMORY 00009 00 Blectra 120 MEMORY 00009 00 Mirage 80 MEMORY 00009 00 UL Proc 1 way T'100 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 Vi Proc 2 way T'120 ME					042
Piranha 100 MEMORY 00009 00 Piranha 120 MEMORY 00009 00 Jason 50 MEMORY 00009 00 Jason 100 MEMORY 00009 00 SkyHawk 100/120 MEMORY 00009 00 Mirage Jr MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 100+ MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 80 MEMORY 00009 00 UL Proc 1 way T'100 MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY					042
Piranha 120 MEMORY 00009 00 Jason 50 MEMORY 00009 00 Jason 100 MEMORY 00009 00 SkyHawk 100/120 MEMORY 00009 00 Mirage 100 MEMORY 00009 00 Mirage 100+ MEMORY 00009 00 Electra 120 MEMORY 00009 00 Mirage 80 MEMORY 00009 00 UL Proc 1 way T'100 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100					043
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SkyHawk 100/120 MEMORY (00009) 00 (009) Mirage Jr MEMORY (00009) 00 (009) Mirage 100 MEMORY (00009) 00 (009) Mirage 100+ MEMORY (00009) 00 (009) Electra 120 MEMORY (00009) 00 (009) Mirage 80 MEMORY (00009) 00 (009) UL Proc 1 way T'100 MEMORY (00009) 00 (009) UL Proc 2 way T'100 MEMORY (00009) 00 (009) KittyHawk DC3- MEMORY (00009) 00 (009) UL Proc 2 way T'120 MEMORY (00009) 00 (009) Raven 120 mem MEMORY (00009) 00 (009) UL Proc L 100 MEMORY (00009) 00 (009) Anole T MEMORY (00009) 00 (009) SAIC L-80 MEMORY (00009) 00 (009) Merlin+ L2 180 MEMORY (00009) 00 (009) Raven U 200 2-way MEMORY (0009) 00 (009) Raven U 200 4-way MEMORY (0009) 00 (009) Raven U 200 6-way MEMORY (0009) 00 (009) Raven U 200 7-way MEMORY (0009) 00 (009					040
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Mirage 80 MEMORY 00009 00 UL Proc 1 way T'120 MEMORY 00009 00 UL Proc 1 way T'120 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raccato L2 132 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Sep2000 Memory MEMORY 00009 00 Me					04D
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UL Proc 1 way T'120 MEMORY 00009 00 UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 M	•				04F
UL Proc 2 way T'100 MEMORY 00009 00 KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 MEMORY	•				050
KittyHawk DC3- MEMORY 00009 00 UL Proc 2 way T'120 MEMORY 00009 00 Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 MEMORY	•				051
UL Proc 2 way T'120 MEMORY 00009 00 0 Raven 120 mem MEMORY 00009 00 0 UL Proc L 75 MEMORY 00009 00 0 UL Proc L 100 MEMORY 00009 00 0 Anole T MEMORY 00009 00 0 SAIC L-80 MEMORY 00009 00 0 Merlin+ L2 180 MEMORY 00009 00 0 Raven U 200 2-way MEMORY 00009 00 0 Raven U 180+ MEMORY 00009 00 0 Raven U 200 MEMORY 00009 00 0 Rocky2 150 Memory MEMORY 00009 00 0 Staccato L2 132 Memory MEMORY 00009 00 0 Staccato L2 180 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0<	•				052
Raven 120 mem MEMORY 00009 00 UL Proc L 75 MEMORY 00009 00 UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 712/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 715/160 L2					053
UL Proc L 75 MEMORY 00009 00 0 UL Proc L 100 MEMORY 00009 00 0 Anole T MEMORY 00009 00 0 SAIC L-80 MEMORY 00009 00 0 Merlin+ L2 180 MEMORY 00009 00 0 Raven U 200 2-way MEMORY 00009 00 0 Raven U 200 MEMORY 00009 00 0 Rocky2 150 Memory MEMORY 00009 00 0 Staccato L2 132 Memory MEMORY 00009 00 0 Staccato L2 180 Memory MEMORY 00009 00 0 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00	•				054
UL Proc L 100 MEMORY 00009 00 Anole T MEMORY 00009 00 SAIC L-80 MEMORY 00009 00 Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 Merlin- L2 132 MEMORY 00009 00 MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory<					055
Anole T SAIC L-80 MEMORY MO009 MO MEMORY MEMORY MEMORY MEMORY MEMORY MO009 MEMORY MEMORY MO009 MEMORY MEMORY MEMORY MEMORY MEMORY MO009 MEMORY MEMOR					056
SAIC L-80 MEMORY 00009 00 0 Merlin+ L2 180 MEMORY 00009 00 0 Raven U 200 2-way MEMORY 00009 00 0 Raven U 200 MEMORY 00009 00 0 Rocky2 150 Memory MEMORY 00009 00 0 Staccato L2 132 Memory MEMORY 00009 00 0 Staccato L2 180 Memory MEMORY 00009 00 0 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00<					057
Merlin+ L2 180 MEMORY 00009 00 Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 71bunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00					058
Raven U 200 2-way MEMORY 00009 00 Raven U 180+ MEMORY 00009 00 Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0					059
Raven U 180+ MEMORY 00009 00 0 Raven U 200 MEMORY 00009 00 0 Rocky2 150 Memory MEMORY 00009 00 0 Staccato L2 132 Memory MEMORY 00009 00 0 Staccato L2 180 Memory MEMORY 00009 00 0 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0					05A
Raven U 200 MEMORY 00009 00 Rocky2 150 Memory MEMORY 00009 00 Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 712/132 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 Rocky1 Memory MEMORY 00009 00	•				05B
Rocky2 150 Memory MEMORY 00009 00 0 Staccato L2 132 Memory MEMORY 00009 00 0 Staccato L2 180 Memory MEMORY 00009 00 0 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0					05C
Staccato L2 132 Memory MEMORY 00009 00 Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 712/132 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 Rocky1 Memory MEMORY 00009 00					05D
Staccato L2 180 Memory MEMORY 00009 00 SPP2000 Memory MEMORY 00009 00 0 Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	,				05E
SPP2000 Memory MEMORY 00009 00 Merlin L2 132 MEMORY 00009 00 Merlin+ L2 132 MEMORY 00009 00 712/132 L2 Upgrade MEMORY 00009 00 712/160 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 Rocky1 Memory MEMORY 00009 00	•				08A
Merlin L2 132 MEMORY 00009 00 0 Merlin+ L2 132 MEMORY 00009 00 0 712/132 L2 Upgrade MEMORY 00009 00 0 712/160 L2 Upgrade MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0					08B
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712/132 L2 Upgrade MEMORY 00009 00 712/160 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 Rocky1 Memory MEMORY 00009 00					060
712/132 L2 Upgrade MEMORY 00009 00 712/160 L2 Upgrade MEMORY 00009 00 0 715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	lin+ L2 132	MEMORY	00009	00	061
712/160 L2 Upgrade MEMORY 00009 00 715/132 L2 Upgrade MEMORY 00009 00 715/160 L2 Upgrade MEMORY 00009 00 ThunderHawk Memory MEMORY 00009 00 Merlin L2 160 MEMORY 00009 00 LightningHawk Memory MEMORY 00009 00 Rocky1 Memory MEMORY 00009 00					062
715/132 L2 Upgrade MEMORY 00009 00 0 715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	1 0	l l			063
715/160 L2 Upgrade MEMORY 00009 00 0 ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	1 0				064
ThunderHawk Memory MEMORY 00009 00 0 Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	1 0				065
Merlin L2 160 MEMORY 00009 00 0 LightningHawk Memory MEMORY 00009 00 0 Rocky1 Memory MEMORY 00009 00 0	1 0				066
LightningHawk Memory MEMORY 00009 00 Concept MEMORY 00					067
Rocky1 Memory MEMORY 00009 00 0					067
		MEMORY			068
D 70.400		MEMORY	00009		069
Raven L2 132 MEMORY 00009 00 0	en L2 132	MEMORY	00009	00	06A

odule	TYPE	SVERS	SION	HVERSION
odule	TIFE	Model	Opt	Model
Raven L2 160	MEMORY	00009	00	06B
Raven L2 187	MEMORY	00009	00	06C
Raven L2 200	MEMORY	00009	00	06D
Raven U 230	MEMORY	00009	00	06E
Raven U 240	MEMORY	00009	00	06F
Rocky2 120 Memory	MEMORY	00009	00	070
Raven U 160	MEMORY	00009	00	071
Raven U 180	MEMORY	00009	00	072
UL Proc 1 way T'120 1MB/1MB	MEMORY	00009	00	072
UL Proc 2 way T'120 1MB/1MB	MEMORY	00009	00	073
Anole L2 132 memory	MEMORY	00009	00	074
Anole L2 165 memory	MEMORY	00009	00	075
UL 1 way U160 512K/512K memory	MEMORY	00009	00	076
UL 2 way U160 512K/512K memory	MEMORY	00009	00	077
Kiji L2 132 memory	MEMORY	00009	00	078
UL 1 way U160 1M/1M memory	MEMORY	00009	00	079
UL 2 way U160 1M/1M memory	MEMORY	00009	00	07A
UL 1 way U180 1M/1M memory	MEMORY	00009	00	07B
UL 2 way U180 1M/1M memory	MEMORY	00009	00	07C
UL 1 way U240 U+ 2M/2M memory	MEMORY	00009	00	07D
UL 2 way U240 U+ 2M/2M memory	MEMORY	00009	00	07E
UL L2 132 memory	MEMORY	00009	00	07F
UL L2 160 memory	MEMORY	00009	00	080
Merlin Jr 132 memory	MEMORY	00009	00	081
FireHawk 200 Memory	MEMORY	00009	00	082
SummitHawk Memory	MEMORY	00009	00	083
Jade Upgrade Memory	MEMORY	00009	00	084
SPP2500 Memory	MEMORY	00009	00	085
AllegroHigh Memory	MEMORY	00009	00	086
AllegroLow Memory	MEMORY	00009	00	087
Forte 2w Memory	MEMORY	00009	00	088
Forte 4w Memory	MEMORY	00009	00	089
Staccato L2 132 Memory	MEMORY	00009	00	08A
Staccato L2 180 Memory	MEMORY	00009	00	08B
Prelude SMC Memory	MEMORY	00009	00	090
Lego 360 Memory	MEMORY	00009	00	091
NEC Aska memory	MEMORY	00009	00	7FF
Hitachi Tiny 64	MEMORY	00009	00	800
Hitachi Tiny 80	MEMORY	00009	00	801
Hitachi X memory	MEMORY	00009	00	8FF
M2250 Memory	MEMORY	00009	00	091
M2500 Memory	MEMORY	00009	00	092

TVDE	SVERS	ION	HVERSION
TIPE	Model	Opt	Model
BRIDGE	0000A	XX	xxx
IOA	0000B	XX	xxx
BCPORT	0000C	XX	xxx
BCPORT	00000	00	504
BCPORT	00000	00	505
BRIDGE	0000A	00	680
BRIDGE	0000A	00	682
IOA	0000B	00	185
BCPORT	0000C	00	503
IOA	0000B	00	1FF
BCPORT	0000C	00	57F
IOA	0000B	10	580
			501
DCI OKI	00000	00	301
IOA	0000B	10	581
			502
Beroiti	00000	00	502
IOA	0000B	00	700
BCPORT	0000C	00	506
BCPORT	0000C	00	004
BCPORT	0000C	00	006
			005
BCPORT	0000C	00	100
			101
			184
			101
BCPORT	0000C	00	102
ророп	00000	0.0	700
			500
BCPORT	0000C	00	103
BCPORT	0000C	00	507
BCPORT	0000C	00	508
	BCPORT BCPORT BRIDGE BRIDGE BRIDGE IOA BCPORT IOA BCPORT IOA BCPORT IOA BCPORT	BRIDGE	Nodel Opt

Module	TYPE	SVERS Model	ION Opt	HVERSION Model
I/O Modules	xxxxx	xxxxx	xx	xxx
Arrakis MUX	A_DIRECT	0000D	00	004
Dyun Kiuh MUX	A_DIRECT	0000D	00	005

Module	TYPE	SVERSI	ON	HVERSION
	1112	Model	Opt	Model
Baat Kiuh AP/MUX (40299B)	A_DIRECT	0000D	00	006
Dino AP	A_DIRECT	0000D	00	007
Solaris Direct Connect MUX (J2092A)	A_DIRECT	0000D	00	009
Solaris RS-422/423 MUX (J2093A)	A_DIRECT	0000D	00	00A
Solaris RS-422/423 Quadriloops MUX	A_DIRECT	0000D	00	00B
Solaris Modem MUX (J2094A)	A_DIRECT	0000D	00	00C
Twins Direct Connect MUX	A_DIRECT	0000D	00	00D
Twins Modem MUX	A_DIRECT	0000D	00	00E
Nautilus RS-485	A_DIRECT	0000D	00	00F
UltraLight CAP/MUX	A_DIRECT	0000D	00	010
Eole CAP/MUX	A_DIRECT	0000D	00	015
Sahp Kiuh AP/MUX	A_DIRECT	0000D	00	024
Sahp Kiuh Low AP/MUX	A_DIRECT	0000D	00	034
Sahp Baat Kiuh AP/MUX	A_DIRECT	0000D	00	044
Burgundy RS-232	A_DIRECT	0000E	80	004
Silverfox RS-232	A_DIRECT	0000E	80	005
Lego RS-232	A_DIRECT	0000E	80	006
Peacock Graphics	A DIRECT	0000E	00	004
VLSI CIO	CIO	00010	00	004
Silverfox CIO	CIO	00010	00	005
Emerald CIO	CIO	00010	00	006
Discrete CIO	CIO	00010	00	008
Burgundy HIL	A_DIRECT	00014	80	004
Peacock HIL	A_DIRECT	00014	80	005
Leonardo	A_DIRECT	00015	80	004
HP-PB HRM	A_DIRECT	00016	80	004
HP-PB HRC	A_DIRECT	00017	80	004
Parallel I/O	B_DMA	00018	00	004
Parallel RDB	B_DMA	00019	00	004
Cheetah console	CONSOLE	0001C	00	004
Emerald console	CONSOLE	0001C	00	005
Jason/Anole 64 Null Console	CONSOLE	0001F	00	01A
Jason/Anole 100 Null Console	CONSOLE	0001F	00	01B
MID BUS PSI	B_DMA	00020	80	004
WAN Family		21 - 2E	XX	XXX
Armyknife Optional X.25	FIO	0002E	80	025
HP-PB Transit PSI (36960A)	B_DMA	0002F	80	004
MID_BUS Verification	_			
– Master	OTHER	00030	00	004
Slave	OTHER	00034	00	004
EDU	OTHER	00038	00	004
Skunk SCSI (28655A)	A_DMA	00039	80	004
KittyHawk CSY Core SCSI	A_DMA	00039	80	005
Diablo SCSI	A_DMA	00039	80	014
Sahp Kiuh SCSI	A_DMA	00039	80	024
Sahp Kiuh Low SCSI	A_DMA	00039	80	034
Sahp Baat Kiuh SCSI	A_DMA	00039	80	044
Skunk Centronics (28655A)	A_DIRECT	0003A	80	004
Sahp Kiuh Centronics	A_DIRECT	0003A	80	024
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Module	ТҮРЕ	SVERSI Model	ON Opt	HVERSION Model
Sahp Baat Kiuh Centronics	A_DIRECT	0003A	80	044
Wizard SCSI	A_DMA	0003B	80	004
KittyHawk CSY Core FW-SCSI	A_DMA	0003B	80	005
Symbios EPIC FW-SCSI	A_DMA	0003B	80	006
HP-PB Shazam HPIB (28650A)	A_DMA	00040	80	004
Burgundy HPIB	A DMA	00040	80	005
HP-PB HP-FL	A_DMA	00041	80	004
HP-PB LoQuix HPIB (28650B)	A_DMA	00042	80	004
HP-PB Crypt LoQuix	A_DMA	00043	80	004
HP-PB Shazam GPIO (28651A)	A_DMA	00044	80	004
HP-PB LoQuix GPIO	A_DMA	00045	80	004
2-Port X.25 NIO_ACC (AMSO)	A_DMA	00046	80	004
4-Port X.25 NIO_ACC (AMSO)	A_DMA	00047	80	004
Spectrograph	11_51111	00017	00	001
LGB FB	OTHER	00048	00	004
LGB Control	OTHER	00049	00	004
Nimbus	OTTLER	00015	00	001
LGB FB	A_DMA	0004A	80	004
LGB Control	A_DMA	0004R	80	004
Martian RTI (AMSO)	A_DMA	0004B	80	004
ACC Mux (AMSO)	A_DMA	0004C	80	004
AT&T DataKit (AMSO)	A_DIRECT	0004D 0004E	80	004
8-Port X.25 EISA-ACC (AMSO)	FIO	0004E 0004F		004
Lanbrusca 802.3 (36967A)	A_DMA	00041	xx 80	004
HP-PB Transit 802.3	B_DMA	00050	80	004
Miura LAN/Console (J2146A)	B_DMA	00051	80	004
LAN Family	D_DMA	53 - 57		
HP-PB LoQuix FDDI	A_DMA	00056	xx 80	004
HP-PB LoQuix FDDI (28670A)	A_DMA A_DMA	00050	80	004
HP-PB Transit 802.4	B_DMA	00057	80	004
LAN Family	D_DMA	59 - 5F		
KittyHawk CSY Core LAN/Console	B_DMA	00060	xx 80	005
Diablo LAN/Console	B_DMA	00060	80	014
Countach LAN/Console	B_DMA	00060	80	054
Cobra Core BA Coral Core BA	BA	00070	XX	004
	BA	00070	XX	005
Bushmaster Core BA	BA	00070	XX	006
Scorpio Core BA	BA	00070	XX	007
Flounder Core BA	BA	00070	XX	008
Outfield Core BA	BA	00070	XX	009
CoralII Core BA	BA	00070	XX	00A
Scorpio Jr. Core BA	BA	00070	XX	00B
Strider-50 Core BA	BA	00070	XX	00C
Strider-33 Core BA	BA	00070	XX	00D
Trailways-50 Core BA	BA	00070	XX	00E
Trailways-33 Core BA	BA	00070	XX	00F
Pace Core BA	BA	00070	XX	010
Sidewinder Core BA	BA	00070	XX	011
Scorpio Sr. Core BA	BA	00070	XX	019

M. 1.1.	TVDE	SVERS	ON	HVERSION	
Module	TYPE	Model	Opt	Model	
Scorpio 100 Core BA	BA	00070	XX	020	
Spectra 50 Core BA	BA	00070	XX	021	
Spectra 75 Core BA	BA	00070	XX	022	
Spectra 100 Core BA	BA	00070	XX	023	
Fast Pace Core BA	BA	00070	XX	024	
CoralII Jaguar Core BA	BA	00070	XX	026	
Cobra Core SCSI	FIO	00071	XX	004	
Coral Core SCSI	FIO	00071	XX	005	
Bushmaster Core SCSI	FIO	00071	XX	006	
Scorpio Core SCSI	FIO	00071	XX	007	
Flounder Core SCSI	FIO	00071	XX	008	
Outfield Core SCSI	FIO	00071	XX	009	
CoralII Core SCSI	FIO	00071	XX	00A	
Scorpio Jr. Core SCSI	FIO	00071	XX	00B	
Strider-50 Core SCSI	FIO	00071	XX	00C	
Strider-33 Core SCSI	FIO	00071	XX	00D	
Trailways-50 Core SCSI	FIO	00071	XX	00E	
Trailways-33 Core SCSI	FIO	00071	XX	00F	
Pace Core SCSI	FIO	00071	XX	010	
Sidewinder Core SCSI	FIO	00071	XX	011	
Scorpio Sr. Core SCSI	FIO	00071	XX	019	
Scorpio 100 Core SCSI	FIO	00071	XX	020	
Spectra 50 Core SCSI	FIO	00071	XX	021	
Spectra 75 Core SCSI	FIO	00071	XX	021	
Spectra 100 Core SCSI	FIO	00071	XX	023	
Fast Pace Core SCSI	FIO	00071	XX	023	
CoralII Jaguar Core SCSI	FIO	00071	XX	024	
Cobra Core LAN (802.3)	FIO	00071	XX	004	
Coral Core LAN (802.3)	FIO	00072	XX	005	
Bushmaster Core LAN (802.3)	FIO	00072	XX	005	
Scorpio Core LAN (802.3)	FIO	00072		007	
Flounder Core LAN (802.3)	FIO	00072	XX	007	
Outfield Core LAN (802.3)	FIO	00072	XX	008	
CoralII Core LAN (802.3)	FIO	00072	XX	009 00A	
` ,			XX	00A 00B	
Scorpio Jr. Core LAN (802.3)	FIO	00072	XX		
Strider-50 Core LAN (802.3)	FIO	00072	XX	00C	
Strider-33 Core LAN (802.3)	FIO	00072	XX	00D	
Trailways-50 Core LAN (802.3)	FIO	00072	XX	00E	
Trailways-33 Core LAN (802.3)	FIO	00072	XX	00F	
Pace Core Lan (802.3)	FIO	00072	XX	010	
Sidewinder Core Lan (802.3)	FIO	00072	XX	011	
Scorpio Sr. Core LAN (802.3)	FIO	00072	XX	019	
Scorpio 100 Core LAN (802.3)	FIO	00072	XX	020	
Spectra 50 Core LAN (802.3)	FIO	00072	XX	021	
Spectra 75 Core LAN (802.3)	FIO	00072	XX	022	
Spectra 100 Core LAN (802.3)	FIO	00072	XX	023	
Fast Pace Core Lan (802.3)	FIO	00072	XX	024	
CoralII Jaguar Core LAN (802.3)	FIO	00072	XX	026	
Cobra Core HIL	FIO	00073	XX	004	

26.11		SVERS	HVERSION	
Module	TYPE	Model	Opt	Model
Coral Core HIL	FIO	00073	XX	005
Bushmaster Core HIL	FIO	00073	XX	006
Scorpio Core HIL	FIO	00073	XX	007
Flounder Core HIL	FIO	00073	XX	008
Outfield Core HIL	FIO	00073	XX	009
CoralII Core HIL	FIO	00073	XX	00A
Scorpio Jr. Core HIL	FIO	00073	XX	00B
Strider-50 Core HIL	FIO	00073	XX	00C
Strider-33 Core HIL	FIO	00073	XX	00D
Trailways-50 Core HIL	FIO	00073	XX	00E
Trailways-33 Core HIL	FIO	00073	XX	00F
Pace Core HIL	FIO	00073	XX	010
SuperPace Wax HIL	FIO	00073	cc	011
Mirage Jr. Wax HIL	FIO	00073	XX	012
Mirage 100 Wax HIL	FIO	00073	XX	013
Electra Wax HIL	FIO	00073	XX	014
Raven Backplane Wax HIL	FIO	00073	XX	017
Scorpio Sr. Core HIL	FIO	00073	XX	019
Raven T' Wax HIL	FIO	00073	XX	01E
SkyHawk 100/120 Wax HIL	FIO	00073	XX	01F
Scorpio 100 Core HIL	FIO	00073	XX	020
Spectra 50 Core HIL	FIO	00073	XX	021
Spectra 75 Core HIL	FIO	00073	XX	022
Spectra 100 Core HIL	FIO	00073	XX	023
Fast Pace Core HIL	FIO	00073	XX	024
CoralII Jaguar Core HIL	FIO	00073	XX	026
Mirage 80 Wax HIL	FIO	00073	XX	02B
Mirage 100+ Wax HIL	FIO	00073	XX	02C
Merlin+ Wax HIL	FIO	00073	XX	03A
Merlin 132 Wax HIL	FIO	00073	XX	040
Merlin 160 Wax HIL	FIO	00073	XX	041
Merlin 132/160 Wax HIL	FIO	00073	XX	043
Raven+ Hi Power Backplane w/EISA Wax HIL	FIO	00073	XX	052
Raven+ Hi Power Backplane wo/EISA Wax HIL	FIO	00073	XX	053
Raven+ Lo Power Backplane w/EISA Wax HIL	FIO	00073	XX	054
Raven+ Lo Power Backplane wo/EISA Wax HIL	FIO	00073	XX	055
FireHawk 200 Wax HIL	FIO	00073	XX	059
Raven+ L2 Backplane w/EISA Wax HIL	FIO	00073	XX	05A
Raven+ L2 Backplane wo/EISA Wax HIL	FIO	00073	XX	05B
SummitHawk Wax HIL	FIO	00073	XX	05D
Hitachi Tiny 64 Wax HIL	FIO	00073	XX	800
Hitachi Tiny 80 Wax HIL	FIO	00073	XX	801
Cobra Core Centronics	FIO	00074	XX	004
Coral Core Centronics	FIO	00074	XX	005
Bushmaster Core Centronics	FIO	00074	XX	006
Scorpio Core Centronics	FIO	00074	XX	007
Flounder Core Centronics	FIO	00074	XX	008
Outfield Core Centronics	FIO	00074	XX	009
CoralII Core Centronics	FIO	00074	XX	00A
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		SVERSI	SVERSION		
Module	TYPE	Model			
Scorpio Jr. Core Centronics	FIO	00074	XX	00B	
Strider-50 Core Centronics	FIO	00074	XX	00C	
Strider-33 Core Centronics	FIO	00074	XX	00D	
Trailways-50 Core Centronics	FIO	00074	XX	00E	
Trailways-33 Core Centronics	FIO	00074	XX	00F	
Pace Core Centronics	FIO	00074	XX	010	
Sidewinder Core Centronics	FIO	00074	XX	011	
KittyHawk GSY Core Centronics	FIO	00074	XX	015	
Gecko Core Centronics	FIO	00074	XX	016	
Scorpio Sr. Core Centronics	FIO	00074	XX	019	
Anole 64 Core Centronics	FIO	00074	XX	01A	
Anole 100 Core Centronics	FIO	00074	XX	01B	
Gecko 80 Core Centronics	FIO	00074	XX	01C	
Gecko 100 Core Centronics	FIO	00074	XX	01D	
SkyHawk 100/120 Core Centronics	FIO	00074	XX	01F	
Scorpio 100 Core Centronics	FIO	00074	XX	020	
Spectra 50 Core Centronics	FIO	00074	XX	020	
Spectra 75 Core Centronics	FIO	00074	XX	021	
Spectra 100 Core Centronics	FIO	00074		023	
Fast Pace Core Centronics	FIO	00074	XX	023	
	FIO	00074	XX	024	
CoralII Jaguar Core Centronics Piranha 100 Core Centronics	FIO	00074	XX	020	
			XX		
Mirage Jr Core Centronics	FIO	00074	XX	028	
Mirage Core Centronics	FIO	00074	XX	029	
Electra Core Centronics	FIO	00074	XX	02A	
Mirage 80 Core Centronics	FIO	00074	XX	02B	
Mirage 100+ Core Centronics	FIO	00074	XX	02C	
UL 350 Core Centronics	FIO	00074	XX	02E	
UL 550 Core Centronics	FIO	00074	XX	02F	
Raven T' Core Centronics	FIO	00074	XX	032	
Anole T Core Centronics	FIO	00074	XX	033	
SAIC L-80 Core Centronics	FIO	00074	XX	034	
PCX-L2 712/132 Core Centronics	FIO	00074	XX	035	
PCX-L2 712/160 Core Centronics	FIO	00074	XX	036	
Raven U/L2 Core Centronics	FIO	00074	XX	03B	
Merlin 132 Core Centronics	FIO	00074	XX	03C	
Merlin 160 Core Centronics	FIO	00074	XX	03D	
Merlin+ 132 Core Centronics	FIO	00074	XX	03E	
Merlin+ 180 Core Centronics	FIO	00074	XX	03F	
Mohawk Core Centronics	FIO	00074	XX	044	
Rocky1 Core Centronics	FIO	00074	XX	045	
Rocky2 120 Core Centronics	FIO	00074	XX	046	
Rocky2 150 Core Centronics	FIO	00074	XX	047	
Anole L2 132 Core Centronics	FIO	00074	XX	04B	
Anole L2 165 Core Centronics	FIO	00074	XX	04D	
Merlin Jr 132 Core Centronics	FIO	00074	XX	050	
Firehawk Core Centronics	FIO	00074	XX	051	
Raven+ wSE FWSCSI Core Centronics	FIO	00074	XX	056	
Raven+ wDiff FWSCSI Core Centronics	FIO	00074	XX	057	

	TYPE	SVERS	SVERSION		
Module	TYPE	Model	Opt	HVERSION Model	
FireHawk 200 Core Centronics	FIO	00074	XX	058	
SummitHawk 230 Core Centronics	FIO	00074	XX	05C	
Hitachi Tiny 64 Core Centronics	FIO	00074	XX	800	
Hitachi Tiny 80 Core Centronics	FIO	00074	XX	801	
Cobra Core RS-232	FIO	00075	XX	004	
Coral Core RS-232	FIO	00075	XX	005	
Bushmaster Core RS-232	FIO	00075	XX	006	
Scorpio Core RS-232	FIO	00075	XX	007	
Flounder Core RS-232	FIO	00075	XX	008	
Outfield Core RS-232	FIO	00075	XX	009	
CoralII Core RS-232	FIO	00075	XX	00A	
Scorpio Jr. Core RS-232	FIO	00075	XX	00B	
Strider-50 Core RS-232	FIO	00075	XX	00C	
Strider-33 Core RS-232	FIO	00075	XX	00D	
Trailways-50 Core RS-232	FIO	00075	XX	00E	
Trailways-33 Core RS-232	FIO	00075	XX	00F	
Pace Core RS-232	FIO	00075	XX	010	
Sidewinder Core RS-232	FIO	00075	XX	011	
Scorpio Sr. Core RS-232	FIO	00075	XX	019	
Scorpio 100 Core RS-232	FIO	00075	XX	020	
Spectra 50 Core RS-232	FIO	00075	XX	021	
Spectra 75 Core RS-232	FIO	00075	XX	022	
Spectra 100 Core RS-232	FIO	00075	XX	023	
Fast Pace Core RS-232	FIO	00075	XX	024	
CoralII Jaguar Core RS-232	FIO	00075	XX	026	
Cobra EISA BA	BA	00076	XX	004	
Coral EISA BA	BA	00076	XX	005	
Scorpio EISA BA	BA	00076	XX	007	
CoralII EISA BA	BA	00076	XX	00A	
Scorpio Jr. EISA BA	BA	00076	XX	00B	
Strider-50 Core EISA	BA	00076	XX	00C	
Strider-33 Core EISA	BA	00076	XX	00D	
Trailways-50 Core EISA	BA	00076	XX	00E	
Trailways-33 Core EISA	BA	00076	XX	00F	
Pace Core EISA	BA	00076	XX	010	
Scorpio Sr. EISA BA	BA	00076	XX	019	
Scorpio 100 EISA BA	BA	00076	XX	020	
Spectra 50 EISA BA	BA	00076	XX	021	
Spectra 75 EISA BA	BA	00076	XX	022	
Spectra 100 EISA BA	BA	00076	XX	023	
CoralII Jaguar EISA BA	BA	00076	XX	026	
Coral SGC Graphics	FIO	00077	XX	004	
Hyperdrive Optional Graphics	FIO	00077	XX	005	
Stinger Optional Graphics	FIO	00077	XX	006	
Scorpio Builtin Graphics	FIO	00077	XX	007	
Anole Hyperdrive Optional Graphics	FIO	00077	XX	008	
Thunder II graphics EISA form	FIO	00077	XX	009	
Thunder II graphics GSA form	FIO	00077	XX	00A	
Scorpio Jr Builtin Graphics	FIO	00077	XX	00B	
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Module	TYPE	Model	Opt	Model	
Strider-50 SSC Graphics	FIO	00077	XX	00C	
Strider-33 SSC Graphics	FIO	00077	XX	00D	
Trailways-50 SSC Graphics	FIO	00077	XX	00E	
Trailways-33 SSC Graphics	FIO	00077	XX	00F	
Pace SGC Graphics	FIO	00077	XX	010	
Mohawk Opt. 2D Graphics (Kid)	FIO	00077	XX	011	
Raven Opt. 2D Graphics (Goat)	FIO	00077	XX	012	
Lego 24 SCG Graphics	FIO	00077	XX	016	
Lego 24Z SCG Graphics	FIO	00077	XX	017	
Lego 48Z SCG Graphics	FIO	00077	XX	018	
Scorpio Sr Builtin Graphics	FIO	00077	XX	019	
Scorpio 100 Builtin Graphics	FIO	00077	XX	020	
Spectra 50 Builtin Graphics	FIO	00077	XX	021	
Spectra 75 Builtin Graphics	FIO	00077	XX	022	
Spectra 100 Builtin Graphics	FIO	00077	XX	023	
Fast Pace SGC Graphics	FIO	00077	XX	024	
Pace VME BA	BA	00078	XX	010	
Sidewinder VME BA	BA	00078	XX	011	
Anole 64 VME BA	BA	00078	XX	01A	
Anole 100 VME BA	BA	00078	XX	01B	
Fast Pace VME BA	BA	00078	XX	024	
Anole T VME BA	BA	00078	XX	034	
Anole L2 132 BME BA	BA	00078	XX	04A	
Anole L2 165 VME BA	BA	00078	XX	04C	
Bushmaster Audio	FIO	0007A	XX	006	
Flounder Audio	FIO	0007A	XX	008	
UL Optional Audio	FIO	0007B	XX	004	
Scorpio Audio	FIO	0007B	XX	007	
Scorpio Jr. Audio	FIO	0007B	XX	00B	
Strider-50 Audio	FIO	0007B	XX	00C	
Strider-33 Audio	FIO	0007B	XX	00D	
Trailways-50 Audio	FIO	0007B	XX	00E	
Trailways-33 Audio	FIO	0007B	XX	00F	
Gecko Audio	FIO	0007B	XX	016	
Scorpio Sr. Audio	FIO	0007B	XX	019	
Anole 64 Audio	FIO	0007B	XX	01A	
Anole 100 Audio	FIO	0007B	XX	01B	
Gecko 80 Audio	FIO	0007B	XX	01C	
Gecko 100 Audio	FIO	0007B	XX	01D	
SkyHawk 100/120 Audio	FIO	0007B	XX	01F	
Scorpio 100 Audio	FIO	0007B	XX	020	
Spectra 50 Audio	FIO	0007B	XX	021	
Spectra 75 Audio	FIO	0007B	XX	022	
Spectra 100 Audio	FIO	0007B	XX	023	
Mirage Jr Audio	FIO	0007B	XX	023	
Mirage Audio	FIO	0007B	XX	029	
Electra Audio	FIO	0007B	XX	029 02A	
Mirage 80 Audio	FIO	0007B	XX	02A 02B	
Mirage 100+ Audio	FIO	0007B	XX	02B 02C	
minuge 100+ mulio	110	000/ D	лл	020	

Raven T' Audio SAIC L-80 Audio PCX-L2 712/132 Core Audio PCX-L2 712/160 Core Audio Raven U/L2 Core Audio Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio Rocky2 120 Core Audio	FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B	XX XX	Model 032 034 035 036 03B 03C 03D 03E 03F 044
SAIC L-80 Audio PCX-L2 712/132 Core Audio PCX-L2 712/160 Core Audio Raven U/L2 Core Audio Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B	xx xx xx xx xx xx xx xx xx xx xx xx	034 035 036 03B 03C 03D 03E 03F 044
PCX-L2 712/132 Core Audio PCX-L2 712/160 Core Audio Raven U/L2 Core Audio Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B	xx xx xx xx xx xx xx xx xx xx	035 036 03B 03C 03D 03E 03F 044
PCX-L2 712/160 Core Audio Raven U/L2 Core Audio Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B 0007B 0007B	xx xx xx xx xx xx xx xx xx	036 03B 03C 03D 03E 03F 044
Raven U/L2 Core Audio Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B 0007B	XX XX XX XX XX XX	03B 03C 03D 03E 03F 044
Merlin 132 Core Audio Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B	XX XX XX XX XX XX	03C 03D 03E 03F 044
Merlin 160 Core Audio Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B 0007B	xx xx xx xx xx	03D 03E 03F 044
Merlin+ 132 Core Audio Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO FIO	0007B 0007B 0007B 0007B 0007B	xx xx xx xx	03E 03F 044
Merlin+ 180 Core Audio Mohawk Core Audio	FIO FIO FIO FIO	0007B 0007B 0007B 0007B	XX XX XX	03F 044
Mohawk Core Audio	FIO FIO FIO	0007B 0007B 0007B	XX XX	044
	FIO FIO FIO	0007B 0007B	XX	
Rocky 2 120 Core Audio	FIO FIO	0007B		046
NOCKYZ 120 COIE AUUIO	FIO		XX	
Rocky2 150 Core Audio		0007B		047
Anole L2 132 Core Audio	FIO	00071	XX	04B
Anole L2 165 Core Audio	110	0007B	XX	04D
Kiji L2 132 Core Audio	FIO	0007B	XX	04E
Merlin Jr 132 Core Audio	FIO	0007B	XX	050
Firehawk Audio	FIO	0007B	XX	051
Raven+ w SE FWSCSU Core Audio	FIO	0007B	XX	056
Raven+ w Diff FWSCSU Core Audio	FIO	0007B	XX	057
FireHawk 200 Audio	FIO	0007B	XX	058
SummitHawk 230 Core Audio	FIO	0007B	XX	05C
Hitachi Tiny 64 Audio	FIO	0007B	XX	800
Hitachi Tiny 80 Audio	FIO	0007B	XX	801
Outfield FW SCSI	FIO	0007C	XX	009
CoralII FW SCSI	FIO	0007C	XX	00A
CoralII Jaguar FW SCSI	FIO	0007C	XX	026
Outfield FDDI	FIO	0007D	XX	009
CoralII FDDI	FIO	0007D	XX	00A
CoralII Jaguar FDDI	FIO	0007D	XX	026
Pace Audio	FIO	0007E	XX	010
Fast Pace Audio	FIO	0007E	XX	024
Outfield Audio	FIO	0007F	XX	009
CoralII Audio	FIO	0007F	XX	00A
CoralII Jaguar Audio	FIO	0007F	XX	026
Pace Core HPIB	FIO	00080	XX	010
Fast Pace Core HPIB	FIO	00080	XX	024
WB-96 Core BA	BA	00081	XX	011
Orville UX Core BA	BA	00081	XX	012
Wilbur UX Core BA	BA	00081	XX	013
WB-80 Core BA	BA	00081	XX	014
KittyHawk GSY Core BA	BA	00081	XX	015
Gecko Core BA	BA	00081	XX	016
Gecko Optional BA	BA	00081	XX	018
Anole 64 Core BA	BA	00081	XX	01A
Anole 100 Core BA	BA	00081	XX	01B
Gecko 80 Core BA	BA	00081	XX	01C
Gecko 100 Core BA	BA	00081	XX	01D
SkyHawk 100/120 Core BA	BA	00081	XX	01F
Piranha 100 Core BA	BA	00081	XX	027

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00081	XX	033
	XX	034
	XX	035
00081	XX	036
00081	XX	03B
00081	XX	03C
00081	XX	03D
00081	XX	03E
00081	XX	03E
00081	XX	044
00081	XX	045
00081	XX	046
00081	XX	047
00081	XX	047 04B
00081		04D
00081	XX	04D 04E
00081	XX	050
00081	XX	050
00081	XX	056
	XX	
00081	XX	057
00081	XX	058
00081	XX	05C
00081	XX	05E
00081	XX	05E
00081	XX	800
00081	XX	801
00082	XX	016
00082	XX	01A
00082	XX	01B
00082	XX	01C
00082	XX	01D
00082	XX	01F
00082	XX	027
00082	XX	028
	XX	029
	XX	02A
	XX	02B
	XX	02C
00082	XX	02E
00082	XX	02F
00082	XX	032
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		SVERS	SVERSION		
Module	TYPE	Model	Opt	HVERSION Model	
Anole T Core SCSI	FIO	00082	XX	033	
SAIC L-80 Core SCSI	FIO	00082	XX	034	
PCX-L2 712/132 Core SCSI	FIO	00082	XX	035	
PCX-L2 712/160 Core SCSI	FIO	00082	XX	036	
Raven U/L2 Core SCSI	FIO	00082	XX	03B	
Merlin 132 Core SCSI	FIO	00082	XX	03C	
Merlin 160 Core SCSI	FIO	00082	XX	03D	
Merlin+ 132 Core SCSI	FIO	00082	XX	03E	
Merlin+ 180 Core SCSI	FIO	00082	XX	03F	
Mohawk Core SCSI	FIO	00082	XX	044	
Rocky1 Core SCSI	FIO	00082	XX	045	
Rocky2 120 Core SCSI	FIO	00082	XX	046	
Rocky2 150 Core SCSI	FIO	00082	XX	047	
Anole L2 132 Core SCSI	FIO	00082	XX	04B	
Anole L2 165 Core SCSI	FIO	00082	XX	04D	
Kiji L2 132 Core SCSI	FIO	00082	XX	04E	
Merlin Jr 132 Core SCSI	FIO	00082	XX	050	
Firehawk Core SCSI	FIO	00082	XX	051	
Raven+ w SE FWSCSI Core SCSI	FIO	00082	XX	056	
Raven+ w Diff FWSCSI Core SCSI	FIO	00082	XX	057	
FireHawk 200 Core SCSI	FIO	00082	XX	058	
SummitHawk 230 Core SCSI	FIO	00082	XX	05C	
Staccato 132 Core SCSI	FIO	00082	XX	05E	
Staccato 180 Core SCSI	FIO	00082	XX	05F	
Hitachi Tiny 64 Core SCSI	FIO	00082	XX	800	
Hitachi Tiny 80 Core SCSI	FIO	00082	XX	801	
Gecko Core PC Floppy	FIO	00083	XX	016	
Gecko 80 Core PC Floppy	FIO	00083	XX	01C	
Gecko 100 Core PC Floppy	FIO	00083	XX	01D	
Firehawk Core PC Floppy	FIO	00083	XX	051	
FireHawk 200 Core PC Floppy	FIO	00083	XX	058	
Piranha 100 Core PC Floppy	FIO	00083	XX	027	
Mirage Jr Core PC Floppy	FIO	00083	XX	028	
Mirage Core PC Floppy	FIO	00083	XX	029	
Electra Core PC Floppy	FIO	00083	XX	02A	
Mirage 80 Core PC Floppy	FIO	00083	XX	02B	
Mirage 100+ Core PC Floppy	FIO	00083	XX	02C	
UL 350 Core PC Floppy	FIO	00083	XX	02E	
UL 550 Core PC Floppy	FIO	00083	XX	02F	
Raven T' Core PC Floppy	FIO	00083	XX	032	
SAIC L-80 Core PC Floopy	FIO	00083	XX	034	
PCX-L2 712/132 Core Floopy	FIO	00083	XX	035	
PCX-L2 712/160 Core Floopy	FIO	00083	XX	036	
Raven U/L2 Core PC Floopy	FIO	00083	XX	03B	
Merlin 132 Core PC Floopy	FIO	00083	XX	03C	
Merlin 160 Core PC Floopy	FIO	00083	XX	03D	
Merlin+ 132 Core PC Floopy	FIO	00083	XX	03E	
Merlin+ 180 Core PC Floopy	FIO	00083	XX	03F	
Rocky1 Core PC Floopy	FIO	00083	XX	045	
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Model 00083 00083 00083 00083 00083 00083 00083 00083 00084 00084 00084 00084 00084 00084 00084 00084 00084 00084 00084	XX XX	Model 046 047 04E 050 056 057 800 801 015 016 018 01A 01B 01C 01D
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00083 00083 00083 00083 00083 00083 00084 00084 00084 00084 00084 00084 00084	XX XX XX XX XX XX XX XX XX XX	04E 050 056 057 800 801 015 016 018 01A 01B
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00084		01F
		027
00004	XX	028
00084	XX	029
00084	XX	02A
00084	XX	02R 02B
00084	XX	02B 02C
00084		02E
00084	XX	02E 02F
00084	XX	032
00084	XX	032
00084	XX	033
00084	XX	034
00084	XX	033
00084	XX	03B
	XX	03B 03C
00084	XX	
00084	XX	03D
00084	XX	03E
00084	XX	03F
00084	XX	044
00084	XX	045
00084	XX	046
00084	XX	047
		048
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00084 00084 00084	XX	05C
	00084	00084 xx 00084 xx 00084 xx 00084 xx 00084 xx 00084 xx 00084 xx 00084 xx

Module	TYPE	SVERSI	SVERSION		
	TIL	Model	Opt	Model	
Hitachi Tiny 64 Core PC Keyboard	FIO	00084	XX	800	
Hitachi Tiny 80 Core PC Keyboard	FIO	00084	XX	801	
Solo GSC Optional Graphics	FIO	00085	XX	004	
Duet GSC Optional Graphics	FIO	00085	XX	005	
Anole Artist Optional Graphics	FIO	00085	XX	008	
Mirage 80 GSC Builtin Graphics	FIO	00085	XX	010	
Mirage 100+ GSC Builtin Graphics	FIO	00085	XX	011	
Mirage Jr GSC Builtin Graphics	FIO	00085	XX	012	
Mirage GSC Builtin Graphics	FIO	00085	XX	013	
Electra GSC Builtin Graphics	FIO	00085	XX	014	
Gecko GSC Core Graphics	FIO	00085	XX	016	
Gecko GSC Optional Graphics	FIO	00085	XX	017	
Anole 64 Artist Builtin Graphics	FIO	00085	XX	01A	
Anole 100 Artist Builtin Graphics	FIO	00085	XX	01B	
Gecko 80 GSC Core Graphics	FIO	00085	XX	01C	
Gecko 100 GSC Core Graphics	FIO	00085	XX	01D	
Raven T' GSC Core Graphics	FIO	00085	XX	032	
Anole T Artist Builtin Graphics	FIO	00085	XX	033	
SAIC L-80 GSC Core Graphics	FIO	00085	XX	034	
PCX-L2 712/132 Core Graphics	FIO	00085	XX	035	
PCX-L2 712/160 Core Graphics	FIO	00085	XX	036	
Raven U/L2 Core Graphics	FIO	00085	XX	03B	
Merlin 132 Core Graphics	FIO	00085	XX	03C	
Merlin 160 Core Graphics	FIO	00085	XX	03D	
Merlin+ 132 Core Graphics	FIO	00085	XX	03E	
Merlin+ 180 Core Graphics	FIO	00085	XX	03F	
Rocky1 Core Graphics	FIO	00085	XX	045	
Rocky2 120 Core Graphics	FIO	00085	XX	046	
Rocky2 150 Core Graphics	FIO	00085	XX	047	
Anole L2 132 Core Graphics	FIO	00085	XX	04B	
Anole L2 165 Core Graphics	FIO	00085	XX	04D	
Kiji L2 132 Core Graphics	FIO	00085	XX	04E	
Merlin Jr 132 Core Graphics	FIO	00085	XX	050	
Raven+ w SE FWSCSI Core Graphics	FIO	00085	XX	056	
Raven+ w Diff FWSCSI Core Graphics	FIO	00085	XX	057	
Hitachi Tiny 64 Core Graphics	FIO	00085	XX	800	
Hitachi Tiny 80 Core Graphics	FIO	00085	XX	801	
GSC IBM Token Ring	FIO	00086	XX	004	
Gecko Optional ISDN	FIO	00087	XX	015	
Gecko Core ISDN	FIO	00087	XX	016	
Gecko 80 Core ISDN	FIO	00087	XX	01C	
Gecko 100 Core ISDN	FIO	00087	XX	01D	
Pace VME Networking	FIO	00088	XX	010	
Sidewinder VME Networking	FIO	00088	XX	011	
Anole 64 VME Networking	FIO	00088	XX	01A	
Anole 100 VME Networking	FIO	00088	XX	01B	
Fast Pace VME Networking	FIO	00088	XX	024	
Anole T VME Networking	FIO	00088	XX	034	
Anole L2 132 VME Networking	FIO	00088	XX	04A	

Madula	TVDE	SVERS	SVERSION		
Module	TYPE	Model	Opt	Model	
Anole L2 165 VME Networking	FIO	00088	XX	04C	
Barracuda Add-on FW-SCSI	A_DMA	00089	80	012	
Bluefish Add-on FW-SCSI	A_DMA	00089	80	013	
Shrike Add-on FW-SCSI	A_DMA	00089	80	014	
KittyHawk GSY Core FW-SCSI	A_DMA	00089	80	015	
Shrike Jade Add-on FW-SCSI (A3644A)	A_DMA	00089	80	017	
SkyHawk 100/120 FW-SCSI	A_DMA	00089	80	01F	
Piranha 100 FW-SCSI	A_DMA	00089	80	027	
Raven T' Core FW-SCSI	A_DMA	00089	80	032	
Raven U/L2 Core FW-SCSI	FIO	00089	XX	03B	
Mohawk Core FW-SCSI	A_DMA	00089	80	044	
Firehawk FW-SCSI	A_DMA	00089	80	051	
FireHawk 200 FW-SCSI	A_DMA	00089	80	058	
SummitHawk 230 Ultra-SCSI	A DMA	00089	80	05C	
WB-96 Core Lan (802.3)	FIO	0008A	XX	011	
Orville Core Lan (802.3)	FIO	0008A	XX	012	
Wilbur Core Lan (802.3)	FIO	0008A	XX	013	
WB-80 Core Lan (802.3)	FIO	0008A	XX	014	
KittyHawk GSY Core Lan (802.3)	FIO	0008A	XX	015	
Gecko Core Lan (802.3)	FIO	0008A	XX	016	
Gecko Optional Lan (802.3)	FIO	0008A	XX	018	
Anole 64 Core Lan (802.3)	FIO	0008A	XX	01A	
Anole 100 Core Lan (802.3)	FIO	0008A	XX	01B	
Gecko 80 Core Lan (802.3)	FIO	0008A	XX	01C	
Gecko 100 Core Lan (802.3)	FIO	0008A	XX	01D	
SkyHawk 100/120 Core LAN (802.3)	FIO	0008A	XX	01F	
Piranha 100 Core LAN (802.3)	FIO	0008A	XX	027	
Mirage Jr Core LAN (802.3)	FIO	0008A	XX	028	
Mirage Core LAN (802.3)	FIO	0008A	XX	029	
Electra Core LAN (802.3)	FIO	0008A	XX	02A	
Mirage 80 Core LAN (802.3)	FIO	0008A	XX	02B	
Mirage 100+ Core LAN (802.3)	FIO	0008A	XX	02C	
UL 350 Core LAN (802.3)	FIO	0008A	XX	02E	
UL 350 Core LAN (802.3)	FIO	0008A	XX	02E 02F	
Raven T' Core LAN (802.3)	FIO	0008A	XX	032	
Anole T Core Lan (802.3)	FIO	0008A		032	
SAIC L-80 Core Lan (802.3)	FIO	0008A	XX	033	
PCX-L2 712/132 Core Lan (802.3)	FIO	0008A	XX	035	
PCX-L2 712/160 Core Lan (802.3)	FIO	0008A	XX	036	
Raven U/L2 Core Lan (802.3)	FIO	0008A	XX	03B	
Merlin 132 Core Lan (802.3)	FIO	0008A	XX	03D 03C	
Merlin 160 Core Lan (802.3)	FIO	0008A	XX	03D	
Mohawk Core Lan (802.3)	FIO	0008A	XX	03D	
Rocky1 Core LAN (802.3)	FIO	0008A	XX	044	
Rocky2 120 Core LAN (802.3)			XX		
Rocky2 150 Core LAN (802.3) Rocky2 150 Core LAN (802.3)	FIO FIO	0008A 0008A	XX	046 047	
			XX		
Anole L2 132 Core LAN (802.3)	FIO	0008A	XX	04B	
Anole L2 165 Core LAN (802.3)	FIO	0008A	XX	04D	
Kiji L2 132 Core LAN (802.3)	FIO	0008A	XX	04E	

		SVERS	SVERSION		
Module	TYPE	Model	Opt	HVERSION Model	
Merlin Jr 132 Core Lan (802.3)	FIO	0008A	XX	050	
FireHawk 200 Core LAN (802.3)	FIO	0008A	XX	058	
Hitachi Tiny 64 Core Lan (802.3)	FIO	0008A	XX	800	
Hitachi Tiny 80 Core Lan (802.3)	FIO	0008A	XX	801	
Anole Optional PCMCIA BA	BA	0008B	XX	004	
SkyHawk 100/120 Wax RS-232	FIO	0008C	XX	004	
SAIC L-80 Wax RS-232	FIO	0008C	XX	005	
Raven U/L2 Dino RS-232	FIO	0008C	XX	006	
Dino RS-232	FIO	0008C	XX	007	
Merlin 132 Dino RS-232	FIO	0008C	XX	008	
Merlin 160 Dino RS-232	FIO	0008C	XX	009	
Merlin Jr 132 Dino RS-232	FIO	0008C	XX	00A	
Mirage 80 Wax RS-232	FIO	0008C	XX	010	
Mirage 100+ Wax RS-232	FIO	0008C	XX	011	
Mirage Jr Wax RS-232	FIO	0008C	XX	012	
Mirage Wax RS-232	FIO	0008C	XX	013	
Electra Wax RS-232	FIO	0008C	XX	014	
KittyHawk GSY Core RS-232	FIO	0008C	XX	015	
Gecko Core RS-232	FIO	0008C	XX	016	
Raven Backplane RS-232	FIO	0008C	XX	017	
Gecko Optional RS-232	FIO	0008C	XX	018	
Merlin+ 180 Dino RS-232	FIO	0008C	XX	019	
Anole 64 Core RS-232	FIO	0008C		01A	
Anole 100 Core RS-232	FIO	0008C	XX	01B	
Gecko 80 Core RS-232	FIO	0008C	XX	01B 01C	
Gecko 80 Core RS-232 Gecko 100 Core RS-232	FIO	0008C	XX	01C 01D	
Raven T' Wax RS-232	FIO	0008C	XX	01D 01E	
SkyHawk 100/120 Core RS-232	FIO	0008C	XX	01E 01F	
Anole 64 Timi RS-232	FIO	0008C	XX	020	
Anole 100 Timi RS-232	FIO	0008C	XX	020	
			XX	021	
Merlin+ 132 Dino RS-232	FIO	0008C	XX	022	
Rocky1 Wax RS-232	FIO	0008C	XX		
Armyknife Optional RS-232	FIO	0008C	XX	025	
Piranha 100 Wax RS-232	FIO	0008C	XX	026	
Piranha 100 Core RS-232	FIO	0008C	XX	027	
Mirage Jr Core RS-232	FIO	0008C	XX	028	
Mirage Core RS-232	FIO	0008C	XX	029	
Electra Core RS-232	FIO	0008C	XX	02A	
Mirage 80 Core RS-232	FIO	0008C	XX	02B	
Mirage 100+ Core RS-232	FIO	0008C	XX	02C	
UL 350 Lasi Core RS-232	FIO	0008C	XX	02E	
UL 550 Lasi Core RS-232	FIO	0008C	XX	02F	
UL 350 Wax Core RS-232	FIO	0008C	XX	030	
UL 550 Wax Core RS-232	FIO	0008C	XX	031	
Raven T' Lasi Core RS-232	FIO	0008C	XX	032	
Anole T Core RS-232	FIO	0008C	XX	033	
SAIC L-80 Core RS-232	FIO	0008C	XX	034	
PCX-L2 712/132 Core RS-232	FIO	0008C	XX	035	
PCX-L2 712/160 Core RS-232	FIO	0008C	XX	036	

FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO	Model 0008C 0008C 0008C 0008C 0008C 0008C 0008C 0008C 0008C	XX	Model 03A 03B 03C 03D 03E 03F 040 041
FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C 0008C 0008C 0008C 0008C	XX XX XX XX XX XX XX	03B 03C 03D 03E 03F 040
FIO FIO FIO FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C 0008C 0008C 0008C	XX XX XX XX XX XX	03C 03D 03E 03F 040
FIO FIO FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C 0008C 0008C	xx xx xx xx xx	03D 03E 03F 040
FIO FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C 0008C 0008C	XX XX XX XX	03E 03F 040
FIO FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C 0008C	XX XX XX	03F 040
FIO FIO FIO FIO FIO FIO	0008C 0008C 0008C 0008C	xx xx	040
FIO FIO FIO FIO FIO	0008C 0008C 0008C	XX	
FIO FIO FIO FIO FIO	0008C 0008C 0008C		
FIO FIO FIO	0008C 0008C	XX	UT1
FIO FIO FIO	0008C		043
FIO FIO		XX	044
FIO	0008C	XX	045
	0008C	XX	046
FIO	0008C	XX	047
FIO	0008C	XX	048
FIO	0008C	XX	049
FIO	0008C	XX	04A
FIO	0008C	XX	04B
FIO	0008D	XX	04C
FIO	0008C	XX	04D
FIO	0008C	XX	04E
FIO	0008C	XX	04F
FIO	0008C	XX	050
FIO	0008C	XX	051
FIO	0008C	XX	052
FIO	0008C	XX	053
FIO	0008C	XX	054
FIO	0008C	XX	055
FIO	0008C	XX	056
			057
			058
			059
			05A
			05A 05B
			05D
			05E
			05F
			800
			801
			015
			016
			01C
			01D
			004
		XX	011
		XX	012
		XX	013
		XX	014
		XX	017
BA	0008E	XX	01E
	FIO FIO FIO FIO FIO FIO FIO FIO FIO FIO	FIO 0008C FIO 0008D FIO 0008D FIO 0008D FIO 0008D BA 0008E BA 0008E	FIO 0008C xx FIO 0008D xx FIO 0008D xx FIO 0008D xx FIO 0008D xx BA 0008E xx

	1	SVERS	HVERSION			
Module	TYPE	Model	Opt	Model		
SkyHawk Wax BA	BA	0008E	XX	01F		
Rocky1 Wax BA	BA	0008E	XX	023		
Mirage 80 Wax BA	BA	0008E	XX	02B		
Mirage 100+ Wax BA	BA	0008E	XX	02C		
UL 350 Core Wax BA	BA	0008E	XX	030		
UL 550 Core Wax BA	BA	0008E	XX	031		
SAIC L-80 Wax BA	BA	0008E	XX	034		
Merlin+ Wax BA	BA	0008E	XX	03A		
Merlin 132 Wax BA	BA	0008E	XX	040		
Merlin 160 Wax BA	BA	0008E	XX	041		
Merlin 132/160 Wax BA	BA	0008E	XX	043		
Raven+ Hi Power Backplane w/EISA Wax BA	BA	0008E	XX	052		
Raven+ Lo Power Backplane w/EISA Wax BA	BA	0008E	XX	054		
FireHawk 200 Wax BA	BA	0008E	XX	059		
Raven+ L2 Backplane w/EISA Wax BA	BA	0008E	XX	05A		
SummitHawk Wax BA	BA	0008E	XX	05D		
Hitachi Tiny 64 Wax BA	BA	0008E	XX	800		
Hitachi Tiny 80 Wax BA	BA	0008E	XX	801		
Anole Boot Rom	FIO	0008F	XX	004		
Rocky1 Boot Rom	FIO	0008F	XX	005		
Rocky2 120 Boot Rom	FIO	0008F	XX	006		
Rocky2 150 Boot Rom	FIO	0008F	XX	007		
SuperPace Wax EISA BA	BA	00090	XX	011		
Raven Backplane Wax EISA BA	BA	00090	XX	017		
Raven T' Wax EISA BA	BA	00090	XX	01E		
SkyHawk 100/120 Wax EISA BA	BA	00090	XX	01F		
Piranha 100 Wax EISA BA	BA	00090	XX	027		
Mirage Jr Wax EISA BA	BA	00090	XX	028		
Mirage Wax EISA BA	BA	00090	XX	029		
Electra Wax EISA BA	BA	00090	XX	02A		
Mirage 80 Wax EISA BA	BA	00090	XX	02B		
Mirage 100+ Wax EISA BA	BA	00090	XX	02C		
UL 350 Wax EISA BA	BA	00090	XX	030		
UL 550 Wax EISA BA	BA	00090	XX	031		
SAIC L-80 Wax EISA BA	BA	00090	XX	034		
Merlin+ Wax EISA BA	BA	00090	XX	03A		
Merlin 132 Wax EISA BA	BA	00090	XX	040		
Merlin 160 Wax EISA BA	BA	00090	XX	041		
Merlin 132/160 Wax EISA BA	BA	00090	XX	043		
Raven Hi Power Backplane Wax EISA BA	BA	00090	XX	052		
Raven Lo Power Backplane Wax EISA BA	BA	00090	XX	054		
FireHawk 200 Wax EISA BA	BA	00090	XX	059		
Raven L2 Backplane Wax EISA BA	BA	00090	XX	05A		
SummitHawk Wax EISA BA	BA	00090	XX	05D		
Hitachi Tiny 64 Wax EISA BA	BA	00090	XX	800		
Hitachi Tiny 80 Wax EISA BA	BA	00090	XX	801		
Baby Hugo Add-on Net FC (A3406A)	A_DMA	00091	80	014		
Baby Jade Add-on Net FC (A3638A)	A_DMA	00091	80	020		
GSC+ YLIASTER ATM	A_DMA	00092	80	004		

	TT IDE	SVERS	HVERSION			
Module	TYPE	Model	Opt	Model		
Anole 64 TIMI BA	BA	00093	XX	01A		
Anole 64 TIMI BA	BA	00093	XX	01B		
Anole T TIMI BA	BA	00093	XX	034		
Anole L2 132 TIMI BA	BA	00093	XX	04A		
Anole L2 165 TIMI BA	BA	00093	XX	04C		
KittyHawk GSC+ Exerciser	B_DMA	00094	80	004		
Hamlyn GSC+ Network Card	A_DMA	00095	80	004		
Raven U/L2 Dino PS2 Keyboard	FIO	00096	XX	006		
Dino PS2 Keyboard	FIO	00096	XX	007		
Merlin 132 Dino PS2 Keyboard	FIO	00096	XX	008		
Merlin 160 Dino PS2 Keyboard	FIO	00096	XX	009		
Merlin Jr 132 Dino PS2 Keyboard	FIO	00096	XX	00A		
Merlin+ 180 Dino PS2 Keyboard	FIO	00096	XX	019		
Merlin+ 132 Dino PS2 Keyboard	FIO	00096	XX	022		
Cascade EISA 100VG lan	FIO	00097	XX	004		
Lo-fat Emulator	A DMA	00098	80	004		
Rocky1 Wax HPIB	FIO	00099	XX	023		
Rocky2 120 Clark/Dino HPIB	FIO	00099	XX	048		
Rocky2 150 Clark/Dino HPIB	FIO	00099	XX	049		
GSC+ Venus ATM	A_DMA	0009A	80	004		
GSC+ Venus ATM GSC+ Samorobrive ATM	A_DMA A_DMA	0009A	80	005		
Test&Meas GSC HPIB	A_DIRECT	0009A 0009B	80	003		
Reserved	No Type	0009B		XXX		
HP HSC-PCI Cards	A_DMA	0009C	xx 80	004		
Alaxis GSC+ 155Mb ATM	A_DMA A_DMA	0009D 0009E	80	004		
Alaxis GSC+ 135Mb ATM Alaxis GSC+ 622Mb ATM	A_DMA A_DMA	0009E 0009E	80	004		
SummitHawk 230 USB	A_DMA A_DMA	0009E 0009F	80	003 05C		
SummitHawk 230 USB SummitHawk 230 100BaseT	A_DMA A_DMA	0009F 000A0	80	05C		
SPP2000 Console TTY	FIO	000A0 000A1		004		
Forte Core PCI 10/100BT LAN	FIO	000A1 000A2	XX	004		
AllegroLow PCI 10/100BT LAN			XX	004		
ĕ	FIO	000A2	XX			
AllegroHIgh Core PCI 10/100BT LAN	FIO	000A2	XX	006		
PCI Plug-in Lan	FIO	000A2	XX	007		
Lego 360 Core PCI 10/100BT Lan	FIO	000A2	XX	00A		
Merlin+ 132 Core PCI Lan	FIO	000A2	XX	03E		
Merlin+ 180 Core PCI Lan	FIO	000A2	XX	03F		
Raven+ w SE FWSCSI Core PCI Lan	FIO	000A2	XX	056		
Raven+ w Diff FWSCSI Core PCI Lan	FIO	000A2	XX	057		
Staccato 132 PCI Lan	FIO	000A2	XX	05E		
Staccato 180 PCI Lan	FIO	000A2	XX	05F		
Forte Core PCI LVD Ultra2 SCSI	FIO	000A3	XX	004		
Forte Core PCI SE UltraSCSI	FIO	000A3	XX	004		
Forte Core PCI IDE/ATAPI CD-ROM	FIO	000A3	XX	004		
AllegroLow Core PCI LVD Ultra2 SCSI	FIO	000A3	XX	005		
AllegroLow Core PCI IDE/ATAPI CD-ROM	FIO	000A3	XX	005		
AllegroHigh Core PCI LVD Ultra2 SCSI	FIO	000A3	XX	006		
AllegroHigh Core PCI IDE/ATAPI CD-ROM	FIO	000A3	XX	006		
PCI Plug-in Disk	FIO	000A3	XX	007		
A5158A S FC Tachlite HBA	FIO	000A3	XX	008		

X 11	TI IDE	SVERS	HVERSION			
Module	TYPE	Model	Opt	Model		
A5157A D FC HBA	FIO	000A3	XX	009		
Lego 360 Core PCI LVD Ultra2 SCSI	FIO	000A3	XX	00A		
Lego 360 Core PCI NSE UltraSCSI	FIO	000A3	XX	00A		
Lego 360 Core PCI WSE UltraSCSI	FIO	000A3	XX	00A		
Lego 360 Core PCI IDE/ATAPI CD-ROM	FIO	000A3	XX	00A		
Merlin+ 132 Core SE FWSCSI PCI Disk	FIO	000A3	XX	03E		
Merlin+ 180 Core SE FWSCSI PCI Disk	FIO	000A3	XX	03F		
Raven+ w SE FWSCSI Core PCI Disk	FIO	000A3	XX	056		
Raven+ w Diff FWSCSI Core PCI Disk	FIO	000A3	XX	057		
SPP2000 Core BA	FIO	000A4	XX	004		
Epic PCI Bridge	BA	000A5	00	582		
Saga PCI Bridge	BRIDGE	000A5	00	583		
Sonic Ethernet 802.3 Card	FIO	000A6	XX	004		
Baby Hugo Add-on mass FC (A3404A)	A_DMA	000A7	80	015		
Mombasa GS Add-on mass FC (A3591)	A_DMA	000A7	80	018		
Baby Jade Add-on mass FC (A3636A)	A_DMA	000A7	80	021		
Rocky2-120 Front Keyboard	A_DIRECT	000A8	00	004		
Rocky2-150 Front Keyboard	A_DIRECT	000A8	00	005		
Forte Core PCI SuperIO RS-232	FIO	000A9	00	004		
Forte Core PCI USB KB	FIO	000A9	00	004		
AllegroLow Core PCI SuperIO RS-232	FIO	000A9	00	005		
AllegroLow Core PCI USB KB	FIO	000A9	00	005		
AllegroHigh Core PCI SuperIO RS-232	FIO	000A9	00	006		
AllegroHigh Core PCI USB KB	FIO	000A9	00	006		
Miscelaneous PCI Plug-in	FIO	000A9	XX	007		
Lego 360 Core PCI SuperIO RS-232	FIO	000A9	XX	007 00A		
Lego 360 Core PCI USB KB	FIO	000A9	XX	00A 00A		
HP-PB HF Interface	B_DMA	00100	80	00A 004		
Hitachi Console Module	A_DIRECT	00100	80	004		
Hitachi Boot Module	A_DIRECT	00101	80	004		
MELCO HCMAP	A_DMA	00201	80	004		
MELCO HBMLA MLAMA	A_DMA	00201	80	004		
MELCO HBMLA MLAIT	A_DIRECT	00202	80	004		
MELCO HBRFU	A_DMA	00205	80	004		
MELCO HMPHA	B_DMA	00205	80	000		
MELCO HMPHA_10	B_DMA	00206	80	005		
MELCO HMQHA	B_DMA	00206	80	005		
MELCO HMQHA_10	B_DMA	00206	80	007		
MELCO HNDWA MDWS-70	B_DMA	207	80	007		
MELCO HBDPC	A_DIRECT	00208	80	004		
DCI TWINAX TERM IO MUX	A_DIRECT A_DIRECT	00208	00	004		
Metheus Frame Buffer	FIO	00300		004		
BARCO CX4500 VME Grphx Cnsl	FIO	00320	XX	004		
<u> •</u>			XX	004		
Hughes TOG VME FDDI Interphase NIO-FC	FIO A_DMA	00360 00380	xx 80	004		
Interphase NIO-ATM	A_DMA A_DMA	00380	80 80	004		
Interphase NIO-100BaseTX	A_DMA A_DMA	00381	80 80	004		
•			80 80	004		
Interphase NIO 100VG	A_DMA	00382				
Interphase NIO-100VG	A_DMA	00383	80	004		

Module	TYPE	SVERS	HVERSION			
Module	TIPE	Model	Opt	Model		
		00010		004		
Anole-T Core Sync X.25	FIO	003A0	XX	004		
Essential GSC+Hippi	A_DMA	003C0	80	004		
Third-Party Module		00FFF	XX	XXX		
Obsolete	B DMA	80002	40	EB6		

B.2.2 Bus Identifiers

For bus converter ports and native processors, IODC_HVERSION{0..4} gives the bus ID for the bus to which the module is attached. The following table lists the currently assigned bus IDs.

IODC_HVERSION{04}	Bus	
0		MID_BUS
1		SMB
2		HP-PB
3		Summit
4		Viper-VSC
5		Viper-HPPB
6		K9-KSC
7		Spider-SSC
8		Stiletto-SSC
9		GSC-HPPB
10		GSC+(HSC)
11		Runway
12		GSC
13		GSC++
14		NEC System Bus
15-31		Reserved

B.2.3 CPU Identification Numbers

The architecture provides CPU identification numbers for each processor implementation.

ENGINEERING NOTE

The definition of the interpretation and under what circumstances the number changes should be resolved to the operating system organizations.

These values are returned by the PDC_MODEL "Return CPU ID" option. An attempt has been made to keep CPU ID numbers and Floating Point Coprocessor numbers the same, but this has not been possible for PCX-U+ and PCX-W.

Al values are in hexidecimal.

TABLE B-2. CPU Identification Version Numbers

Implementation	Ve	rsion
•	Model	Revision
Reserved	0	0
Software Emulation	0	1 - 1F
PA - RISC Simulator	1	1 - 1F
Reserved	2 - A	1 - 1F
Tornado	В	1 - 1F
Reserved	C	1 - 1F
PCX-L	D	1 - 1F
PCX-U	Е	0 - D
PCX-U+	Е	0 - 1F
PCX-U+	10	0 - 1F
PCX-L2	F	1 - 1F
PCX-W	11	1 - 1F
Reserved	12 - 3F	1 - 1F

B.2.4 Assist Version Numbers

The architecture provides version numbers for each of the assist units that are implemented.

SUPPORT NOTE

The definition of the interpretation and under what circumstances the number changes should be resolved with the support organization.

Floating-Point Coprocessor

The floating-point coprocessor architecture includes a model and revision number to identify the coprocessor hardware for support purposes. These values are returned in the floating-point status register.

The model numbers below are defined for the named implementations. The revision number can be any value, except zero, and is used to indicate a different revision of the same chip or board.

SUPPORT NOTE

The support organization should provide criteria on when the revision number should change.

All values in the table are hexadecimal.

TABLE B-3. Floating-Point Coprocessor Version Numbers

In a land of the second of the	Version							
Implementation	Model	Revision						
Reserved	0	0						
Software Emulation	0	1 - 1F						
PA-RISC Simulator	1	1 - 1F						
Indigo	2	1 - 1F						
Sterling 1 MIU (TYCO)	3	1 - 1F						
Sterling 1 MIU (ROC w/Weitek)	4	1 - 1F						
FPC (NMOS-III w/Weitek)	6	1 - 1F						
FPC (NMOS-III w/Bit)	7	1 - 1F						
PCX-S (Timex - TI)	8	1 - 1F						
PCX-T (Rolex - CMOS-26B)	9	1 - 1F						
HARP-I	A	1 - 1F						
Tornado	В	1 - 1F						
PA-50 (Hitachi)	C	1 - 1F						
PCX-L (CMOS-26B)	D	1 - 1F						
PCX-U	Е	0 - D						
PCX-U+	Е	0 - 1F						
VR	F	1 - 1F						
PCX-W	10	1 - 1F						
Cheetah/Firefox MIU (NMOS-III)	10	1 - 1F						
Reserved	11 - 3F	1 - 1F						

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TABLE OF CONTENTS

Version and Identification Numbers .	•			•	•	•							•							B-1
B.1 Allocation																		•		B-1
B.2 Version Numbers																		•		B-2
B.2.1 Module Version Numbers .																				B-2
B.2.2 Bus Identifiers																				B-29
B.2.3 CPU Identification Numbers																		•		B-30
Floating-Point Coprocessor																		•		B-31
	B.1 Allocation	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers .	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers	Version and Identification Numbers B.1 Allocation B.2 Version Numbers B.2.1 Module Version Numbers B.2.2 Bus Identifiers B.2.3 CPU Identification Numbers B.2.4 Assist Version Numbers Floating-Point Coprocessor

LIST OF TABLES

TABLE B-1.	Module Version Numbers	•	•	•			•			•					•	•	•	•		B-2
TABLE B-2.	CPU Identification Version I	Nun	nber	S				•					•	•		•		•	•	B-30
TABLE B-3.	Floating-Point Coprocessor	Ver	sion	Νı	ımł	ers			_			_				_		_		B-31