



TM ***UNIVERGE*** NEAX[®] **2000 IPS**
Family of Products

PARTS BOOK

Includes 2000 Upgraded and Retrofit Systems

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PRODUCT MANAGEMENT
NEC UNIFIED SOLUTION, INC.

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ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
1. UNIVERGE NEAX IPS SYSTEM PACKAGES								
1.1 IPS^{DML} AND IPS^{DMR} SYSTEM PACKAGES								
1	UNIV IPS DML IP SYS PKG-E IPS DM(E) UNIV PIMMJ AC CORD-E-U Rack Mount Kit SPN-CP31E (CPU) + PZ-M697 SPN-8IPLA IP PAD-C 64 Port -3900 Series R14 IPS Software (CD) - 8 Seat License Key MATWorX IPS 24 Port Patch Panel	153045	-	-	-	X	-	Provides R14 Basic System Software and provides up to 56 LT ports and 952 IP stations per system. NEC Customer Software License Agreement Required.
2	IPS DML EXPANSION MODULE 1-E IPS DM(E) UNIV PIMMJ AC CORD-E-U Rack Mount Kit Joint Bracket Kit (U) 24 Port Patch Panel	153043	-	-	-	X	-	Adds 56 additional Legacy ports to each additional module chassis. Total of 8 MC for a total of 440 ports.
3	UNIV IPS DMR SYS PKG-E IPS DM(E) PIMMJ SPN-CP31D (CPU) + PZ-M606-A SPN-8IPLA IP PAD-C AC CORD-E-U Rack Mount Kit 24 Port Patch Panel	153046	-	-	-	-	X	DMR Package with 8 IP PAD. Supports up to 56 TDM ports and up to 128 IP stations. Remote PIM Site Licenses and LT Port/IP seat Licenses are required to be loaded in the Host system.
4	UNIV IPS DMR EXPANSION MODULE - E IPS DM(E) UNIV PIMMJ AC CORD-E-U Rack Mount Kit Joint Bracket Kit BUS-0.4 CA-X 24 Port Patch Panel	153047	-	-	-	-	X	Second module for DMR system, provides for 56 additional TDM ports.
1.1.1 IPS^{DML} AND IPS^{DMR} Replacement/Expansion Hardware								
1	IPS DM(E) UNIV PIMMJ SN-1737 IPSMJ 140 5976A IVS IC LABEL LABEL BASE B	153009	-	-	-	X	X	Modular Chassis (MC). Each MC supports 56 physical ports (7 LT/AP card slots). Maximum 8 MCs per system. One MC included with System Package and Expansion Module.
2	PZ-PW131	151494	-	-	-	X	X	Main Power Supply without Generator and Message Waiting. One with each PIMMJ.
3	PZ-PW139	153499	-	-	-	X	X	Ring Generator Unit (RGU) mounts on top of the PZ-PW131. One with each PIMMJ. Ring Voltage: 85/75Vac Ring Current: 0.05A
4	PN-PW03	151252	-	-	-	X	X	48V power supply for DML/DMR Chassis used for Wireless
5	109P0624H7D09 Fan	151306	-	-	-	X	X	Cooling Fan, one with each PIMMJ
6	AC CORD-E-U	151037	-	-	-	X	X	AC cable, one with each PIMMJ

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			Retro	UPG	IPS	DML	DMR	
7	BUS-0.4 CA-X	151053	-	-	-	X	X	Bus cable connects between IPS DM (E) UNIV PIMMJ.
8	48-TW-1.3 CONN CA	151057	-	-	-	X	-	BUS cable connects between FPs
9	BATT CA-P5	151039	-	-	-	X	X	External Battery Back-Up Cable
10	BUS-0.4 CA-CHG	151054	-	-	-	X	X	Bus cable connects between IPS DM (E) UNIV PIMMJ and old IPS DM PIMMF.
11	DM Rack Mount Kit	153377	-	-	-	X	X	Two 19" rack-mounting ears, quantity two 1" ears. One set is included with System Package and each Expansion Module.
12	Joint Bracket Kit	151378	-	-	-	X	X	Brackets for joining multiple PIMMJ together. One set with Expansion Module. For use when not rack mounting.
13	PZ-4PFTA	151493	-	-	-	X	X	4 Circuit Power Fail Transfer card. One can be mounted in each IPS DML.
14	PN-CP33	153427	-	-	-	X	-	Firmware Processor for DML (440) System Provides LT interface, Memory (RAM 768 KB), and inter-module BUS interface. BUS interface functions as a driver/receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. When the system consists of 3 MCs or more, one each mounted in the MP slot of MC2, MC4, and MC6.
15	24 Port Patch Panel	150230	R	U	X	X	X	Patch Panel for 24 TDM Ports
1.2 UNIVERGE NEAX 2000 IPS SYSTEM PACKAGES								
1	UNIV IPS 64 PORT BASIC PKG ICS VS PIMMJ (UA) ICS VS BASE-C (UA) SPN-CP24D (CPU) IPS Software (CD) - 64 Port-3900 Series R14 MATWorX IPS	153063	-	-	X	-	-	64 Port System Package - Provides R14 software. Configurations for additional applications or capacities will require additional software keys. NEC Customer Software License Agreement Required.
2	UNIV IPS 8 SEAT SYS PKG ICS VS PIMMJ (UA) ICS VS BASE-C (UA) SPN-CP24D (CPU) + PZ-M606-A SPN-8IPLA IP PAD-C 64 Port-3900 Series R14 IPS Software (CD) - 8 Seat License Key MATWorX IPS	153056	-	-	X	-	-	IP 8 Seat System Package - Provides R14 software, 8 Seat License and 8IPLA IP-PAD. Configurations for additional applications or capacities will require additional software keys. NEC Customer Software License Agreement Required.
3	UNIV BK-UP CPU 64 PORT TDM SYS PKG ICS VS PIMMK (UA) ICS VS BASE-C (UA) SPN-CP27B (CPU) SET IPS Software (CD) - 64 Port 3900 Series R14 MATWorX IPS	153094	-	-	X	-	-	Back-Up CPU Package for 2000 IPS TDM System - Provides R14 software. Configurations for additional applications or capacities will require additional software keys. Matching CPU's have same serial #, so only one set of software is needed. NEC Customer Software License Agreement Required.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
4	UNIV BK-UP CPU 8 SEAT IP SYS PKG ICS VS PIMMK (UA) ICS VS BASE-C (UA) SPN-CP27B (CPU) SET) + PZ-M606A (2) SPN-8IPLA IP PAD-C 64 Port 3900 Series R14 IPS Software (CD) - 8 Seat License Key MATWorX IPS	153048	-	-	X	-	-	Back-Up CPU for 2000 IPS. Provides R14 software, 8 Seat License and 8IPLA IP-PAD. Configurations for additional applications or capacities will require additional software keys. Matching CPU's have same serial #, so only one set of software is needed. NEC Customer Software License Agreement Required.
5	UNIV IP REMOTE PIM (IPS) ICS VS PIMMJ (UA) ICS VS BASE-C (UA) SPN-CP24D (CPU) PZ-M606-A SPN-8IPLA IP PAD-C	153057	R	U	X	X	-	IPS Package for Remote PIM - Provides IPS PIM with 8IPLA IP PAD that can be used as IP Remote PIM. Supports up to 64 TDM ports and up to 128 IP stations. All require software and licenses are loaded in the Host system.
1.2.1 IPS REPLACEMENT/EXPANSION HARDWARE								
1	IPS UNIV PIMMK (UA) SN1730 PIMMK COVER PARTS ASSEMBLY PZ-PW121 AC CORD-B-U PWR CNT CA-E SIDE PANEL (UL) LABEL BASE B	153007	-	-	X	-	-	Port Interface Module for Back-Up CPU – Supports MAX. 64 LT Ports MAX. 1 PIM (PIM0) per system.
2	IPS UNIV PIMMJ (UA) SN1729 PIMMJ COVER PARTS ASSEMBLY PZ-PW121 AC CORD-B-U PWR CNT CA-D SIDE PANEL (UL) LABEL BASE B	153018	-	-	X	-	-	Port Interface Module for IPS – Supports MAX. 64 LT Ports per PIM MAX. 8 PIMs (512 LT Ports/System), 14 Card Slots per PIM.
3	ICS VS BASE-C (UA) SN1545 BASE BASE ASSEM KR-61 CORD BUSH WARNING LABEL TOP COVER ASSEM PWR CNT CA-E AC CORD D-U	151142	-	-	X	-	-	BASE & TOP ASSEMBLY - 1 per Module Stack Max of 5 Modules per Stack. One included with both IP & TDM System Package
4	IPS UNIV Front Cover Kit FRONT COVER ASSEM COVER PARTS ASSEM LABEL BASE B	153346	-	-	X	-	-	IPS Front Cover for upgraded system.
5	Cover Parts ASSEM	153347	-	-	X	-	-	Triangle Corner for Front Cover (Maintenance Option)
6	PWR CNT CA-D	151031	-	U	X	-	-	Power Control Cable - Used to connect PIM1- PIM7 to PW121 and PW122. (Included with PIMMJ & PIMMK)
7	PWR CNT CA-E	151032	-	U	X	-	-	Power Control Cable - Connects between PIM 0 PW121/122 and Base Unit. (One with Base and one with PIM)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
8	AC CORD-D-U	151033	-	U	X	-	-	AC Power Cable 11.5 ft., connects Base to commercial Power (Included with Base)
9	AC CORD-B-U	151011	R	U	X	-	-	AC Power Cable 5.9 ft., connects from Base to each PW121 (Included w/PIM)
10	PWR CA-A	151008	R	U	X	-	-	DC Power Cable (PW121 to PW121) or (PW86 to PW86) Required for multiple PIMs with Internal & External Battery Back Up. One per 2-PIMs with Internal Battery. One per 2-PIMs or Three per 4-PIMs with External Battery.
11	48-TW-0.7 CONN CA	151013	R	U	X	-	-	BUS Interface cable, 2.3ft. - Used to connect IPS BUS Connector in multiple-PIM configuration. Used to connect BS00 and BS01 in Retrofit Systems.
12	INT BATTERY PE3A-12 12V 3AH (GS PORTALAC) QTY (2) BATT CA INT	151301	R	U	X	-	-	Internal Battery & Cable - Two 3AH Batteries. 30 min for PW121, 10 min. for PW121 and PW122. Cable connects batteries to PZ-PW121.
13	IPS UNIV BATT (UA) SN1731 BATTMH COVER PARTS ASSEM LABEL BASE B	153120	-	-	X	-	-	External Battery Module (Batteries Not Included). 2Hrs: 24AH = 2 per 2-PIMs with PW121 and PW122 3Hrs: 24AH = 2 per 2-PIMs with PW121 and PW122 3Hrs: 38AH = 2 per 2-PIMs with PW121 and PW122 4Hrs: 38AH = 2 per 2-PIMs with PW121 and 122 6Hrs: 65AH = 2 per 2-PIMs with PW121 and 122 8Hrs: 65AH = 2 per 2-PIMs with PW121 and 122
1.3 NEAX IPS BRACKETS								
1	19" Rack Bracket (A)	151369	-	U	X	-	-	19" Bracket for Rack Mounting PIM. Used with Rack Bracket (B). 1 required per PIM.
2	19" Rack Bracket (B)	151371	-	U	X	-	-	19" Bracket for Rack Mounting first PIM in Stack. Used for PIM 1 and PIM 5.
3	Mounting Bracket	151372	-	U	X	-	-	Bracket for Floor Standing Installation - Prevents Stack from Falling Down 1 per Stack (Attach to Topmost PIM)
4	Hanger ASSEM (UL)	151373	-	U	X	-	-	Wall Mounting Bracket 1 per PIM
5	ICS VS I/F Bracket I/F BRACKET ASSEM	151374	-	U	X	-	-	Multiple Stack Bracket Used to join neighboring PIM in second stack
6	Base Tray ASSEM	151375	-	U	X	-	-	Base tray for floor standing installation
1.4 NEAX IPS POWER								
1	PZ-PW121	151488	-	U	X	-	-	Main Power Supply INPUT: AC100/200V(90V-264V), 50/60Hz OUTPUT: DC-27V(4.4A), +5V(7.2A), CR+90/75Vrms(30Ma), 80V(30Ma)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
2	PZ-PW121 Fuse Kit	151376	-	U	X	-	-	Spare Fuse for PZ-PW121 (Option)
3	PZ-PW122	151487	-	U	X	-	-	Power Supply Card for -48V INPUT: DC-27V; OUTPUT: DC-48V (1.7A) Required with some LT cards. Ferrite Core is mounted on cable between PZ-122 and IPS Back Plane.
4	SPN-PW00 w/CA - UA PN-PW00 PWR CA-WC 4Q-TW-0.3 CONN CA	151483	R	U	X	-	-	DC-DC Converter (-27V to -48V) - Used for Desk Console. 1 card per 2 Desk Console; 2 Slot Card; MAX. 3 per PIM
1.5 IPS/IVS2 to UNIV IPS UPGRADE PACKAGES								
1	IPS/IVS2 to UNIV IPS UPG SPN-CP24D (MP) IPS UNIV Front Cover Kit IPS Software (CD) - 64 Port -3900 Series R14 MATWorX IPS	153652	-	U	-	-	-	CPU Upgrade Kit for Upgrading IVS2 to IPS functions. Provides R14 system software. License agreement is required.
2	IVS2 to IPS BACK-UP CPU TDM UPGRADE SPN-CP27B (CPU) SET IPS UNIV Front Cover Kit IPS Software (CD) - 64 Port -3900 Series R14 MATWorX IPS	153658	-	U	-	-	-	IVS2 to IPS Back-up CPU TDM Upgrade Kit for Upgrading IVS2 to IPS with Dual CPU. - Provides R14 system software. Matching CPU's have same serial #, so only one set of software is needed. License agreement is required.
3	IVS2 to UNIV IPS 16 IP UPG SPN-CP24D (CPU) + PZ-M606-A IPS UNIV Front Cover Kit SPN-8IPLA IP PAD-C 64 Port -3900 Series R14 IPS Software (CD) - 8 Seat License (2) MATWorX IPS	153697	-	U	-	-	-	IVS2 to UNIV IPS 16 IP Upgrade Kit for Upgrading IVS2 to IPS functions. Provides R14 system software, 16 Seat License and 8IPLA IP-PAD. License agreement is required.
4	IVS2 to UNIV IPS BK-UP CPU 16 IP UPG SPN-CP27A (CPU) SET + PZ-M606-B (2) SPN-8IPLA IP PAD-C 64 Port -3900 Series R14 IPS Software (CD) - 8 Seat License (2) IPS UNIV Front Cover Kit MATWorX IPS	153698	-	U	-	-	-	IVS2 to UNIV IPS Back-up CPU IP Upgrade Kit for Upgrading IVS2 to IP IPS with Dual CPU. Provides R14 system software, 16 Seat License and 8IPLA IP-PAD. Matching CPU's have same serial #, so only one set of software is needed. License agreement is required.
2. RETROFIT UPGRADE to IPS Kits								
2.1 RETROFIT IVS TO IPS Packages								
1	IVS to IPS TDM UPG KIT-A (512) SPN-CP26B (CPU) 64 Port -3900 Series R14 IPS Software (CD) - LT Port 64 to 512 MATWorX IPS	150681	R	-	-	-	-	IVS to IPS Retrofit - Provides R14 software and supports up to 512 TDM ports. License agreement is required.
2	IVS to IPS BK-UP CPU TDM UPG KIT-A (512) SPN-CP28B (CPU) SET 64 Port -3900 Series R14 IPS Software (CD) - LT Port 64 to 512 MATWorX IPS	150685	R	-	-	-	-	IVS to IPS Retrofit with Dual CPU - Provides R14 software and supports up to 512 TDM ports. Matching CPU's have same serial #, so only one set of software is needed. License agreement is required.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
3	IVS to IPS 16 IP UPG KIT-B (512) SPN-CP26B (CPU) + PZ-M606-A SPN-8IPLA IP PAD-C 64 Port -3900 Series R14 IPS Software (CD) - LT Port 64 to 512, 8 Seat License (2) MATWorX IPS	150695	R	-	-	-	-	IVS to IPS Retrofit – Provides R14 software, 16 IP Seat Licenses 8IPLA IP-PAD and supports up to 512 TDM ports. License agreement is required.
4	IVS-IPS BK-UP CPU 16 IP UPG-B SPN-CP28B (CPU) SET + PZ-M606-A (2) SPN-8IPLA IP PAD-C 64 Port -3900 Series R14 IPS Software (CD) - LT Port 64 to 512, 8 Seat License (2) MATWorX IPS	150696	R	-	-	-	-	IVS to IPS Retrofit with Dual CPU - Provides R14 software, 8IPLA IP-PAD, 16 IP Seat Licenses and supports up to 512 TDM ports. Matching CPU's have same serial #, so only one set of software is needed. License agreement is required.
2.1.1 RETROFIT REPLACEMENT/EXPANSION HARDWARE								
1	ICS VS PIMN-UB SN-1273 PIMN-A PZ-PW86 (D) + Spare Fuse PWR CNT CA-A AC CORD-B-U RACK PARTS LOGO NAME PLATE CBR-U-40-50-NE CARBON	150011	R	-	-	-	-	PIM for Retrofit System - Includes Main Power, Spare fuses, Power Control Cable AC Power Cable PW86 to Base and Bracket for Floor & Wall Mounting.
2	ICS VS BASE/TOP-UB SN1317 BASEG-A MFG NAME LABEL FCC PART15, PART 68 LABEL 140 5976A IVS IC LABEL HYATT (A), CAUTION LABEL	151106	R	-	-	-	-	Base Unit and Top Cover for – Used for Floor Mount, Wall Mount and Rack Mount. Includes AC Cord A to commercial Power.
3	ICS VS TOP/BOTTOM-UA COVER PARTS (B) AC CORD-A-U MFG NAME LABEL	151101	R	-	-	-	-	Top/Bottom Cover for Wall, Rack, and Desk Mounting. Mounting of Single PIM Systems. AC Cord to Commercial Power
4	BATT MODULE SN1177 BATTM-A BATT CABLE EXT RACK PARTS	151102	R	-	-	-	-	Module for 3 Hour Battery back-up Battery Housing. PW86 to External Battery Cable Bracket for Floor and Wall Mounting. Batteries Not Included.
5	19" Bracket (F)	151366	R	-	-	-	-	19" Rack Mount Bracket for PIMN. One per PIM
6	Rack Parts	151360	R	-	-	-	-	Bracket for Floor / Wall Mount - One comes with each PIM
7	PZ-PW86 (D)	151484	R	-	-	-	-	Main Power for PIMN (with 80V MW)
8	Front Cover (2000/Blue)	151342	R	-	-	-	-	Front Cover w/Blue Stripe for PIMN.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
3. SOFTWARE								
3.1 NEAX IPS SOFTWARE								
3.1.1 GENERIC PROGRAM								
1	64 PORT SYS SOFTWARE – 3900 Series R14 SC-3713 IPS BSC PROG-P1	153348	R	U	X	X	X	3900 Series R14 Floppy Disk Required for R14 Basic Business / Hotel/Motel Features and 64 LT Ports, 5 T1/E1/ISDN-PRI, 48 ISDN-BRI Trunks NEC Customer Software License Agreement Required
3.2 NEAX 2000 IPS SOFTWARE (CD) (Parent CAPACITY OPTIONS)								
1	NEAX 2000 IPS SOFTWARE (CD)	153441	R	U	X	X	-	Compact Disk that holds selected Key Files from "Capacity/Option" section
3.2.1 LT CAPACITY OPTIONS (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	LT 64 PORT NOTE: IPS systems upgrading to 3300 Series Software or higher can combine the LT 64 PORT Key with previous LT Port Keys for LT port expansion.	150629	R	U	X	X	-	64 Port Line/Trunk Key (incremental) Available with 3300 Series R8 Software or higher and provides LT Port Licenses in 64 port increments from 64 to 1020 ports. Stand alone system maximum 512 LT ports, Remote PIM Network maximum 1020 LT ports.
2	LT PORTS (64 to 128)	150600	R	U	X	X	-	LT Ports from 64 to 128 NOTE
3	LT PORTS (64 to 256)	150601	R	U	X	X	-	LT Ports from 64 to 256 NOTE
4	LT PORTS (64 to 512)	150602	R	U	X	X	-	LT Ports from 64 to 512 NOTE
5	LT PORTS (128 to 256)	150603	R	U	X	X	-	Expands LT Ports from 128 to 256 NOTE
6	LT PORTS (128 to 512)	150604	R	U	X	X	-	Expands LT Ports from 128 to 512 NOTE
7	LT PORTS (256 to 512)	150605	R	U	X	X	-	Expands LT Ports from 256 to 512 NOTE
3.2.2 IP CAPACITY OPTIONS (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	8 Seat License	150641	R	U	X	X	-	Required for 8 or less Dterm IP Terminals and IP Soft-Phones. Incremental in 8 Seat License for Peer to Peer IP.
2	SP30 - 4 Seat License	150497	R	U	X	X	-	4 seat Dterm SP30 license. Incremental one seat used for each Soft-Phone client. Available with 3300 Series R8 Software. Requires an available 8 Seat License.
3	SP30 – 4 ACD Seat License	150596	R	U	X	X	-	4 ACD seat Dterm SP30 license. Incremental one seat used for each Soft- Phone ACD client. Available with 3500 Series R10 Software. Requires an available 8 Seat License.
4	SIP – 4 Seat License	153497	-	U	X	X	-	4 SIP seat license. Used with IPS SIP Server and Wireless/PS software for MH250 terminals. Available with 3900 Series R14 Software.
5	R-PIM 1 Site License	150680	R	U	X	X	-	Site License for DMR/IP Remote PIM. One License required per Remote Site.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
3.2.3 CCIS NETWORKING (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	CCIS Link (1)	150609	R	U	X	X	-	Adds support for one CCIS Link
2	CCIS Link (4)	150610	R	U	X	X	-	Adds support for four CCIS Links
3	CCIS Link (8)	150611	R	U	X	X	-	Adds support for eight CCIS Links
4	IPT Card (1)	150618	R	U	X	X	-	Adds support for one IP Trunk Card
5	IPT Card (4)	150620	R	U	X	X	-	Adds support for up to 4 IP Trunk Cards
6	IPT Card (8)	150628	R	U	X	X	-	Adds support for up to 8 IP Trunk Cards
7	ECCIS	150624	R	U	X	X	-	Adds Event Based CCIS capability (used w/CCIS keys)
3.2.4 For Adding to Existing CCIS (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	CCIS Link (1 to 4)	150612	R	U	X	X	-	Expands CCIS Links from 1 to 4 -Links
2	CCIS Link (1 to 8)	150613	R	U	X	X	-	Expands CCIS Links from 1 to 8 -Links
3	CCIS Link (4 to 8)	150614	R	U	X	X	-	Expands CCIS Links from 4 to 8 -Links
4	IPT Card (1 to 4)	150622	R	U	X	X	-	Expands IP Trunk from 1 to 4 cards
5	IPT Card (1 to 8)	150625	R	U	X	X	-	Expands IP Trunk from 1 to 8 cards
6	IPT Card (4 to 8)	150627	R	U	X	X	-	Expands IP Trunk from 4 to 8 cards
3.2.5 ISDN/DIGITAL TRUNK (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	ISDN PRI Software Key	153802	R	U	X	X	-	Expands ISDN PRI in increments of 1 from 5 to 32 spans
3.2.6 WIRELESS (used w/ NEAX 2000 IPS SOFTWARE (CD))								
1	WIRELESS	150616	R	U	X	X	-	Adds Wireless Capability - Supports 128 ZT & 256 PS
2	WIRELESS 8 PS License	150557	R	U	X	X	-	Adds Wireless capability above 256 in 8 port increments.
3	WIRELESS DEMO	150617	-	U	X	X	-	Capacity support for 2-ZT & 4-PS

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
4. COMMON CONTROL CARDS								
4.1 NEAX 2000 IPS CONTROL CARDS								
4.1.1 MAIN PROCESSOR (MP)								
1	SPN-CP24D (CPU) SPN-CP24D MP (UA)	153694	-	U	X	-	-	Main Processor for IPS - Provides LAN control function, system-based DRS, built-in FP, built-in OAI, built-in SMDR via RS-232C and IP, built-in PMS via IP, Virtual FP, IPT, and CSH, 33 MHz PCI BUS, Memory (SDRAM 32 MB, Flash ROM 9 MB), Clock, 16-line CFT, TDSW (1024CH x 1024CH), PB sender, 2-line PLO (receiver mode /source mode), 2 RS-232C ports, 2-line DAT (Recording duration: Max. 128 sec.), DK, 4-line PB receiver, Modem for remote maintenance (33.6 Kbps), MOH tone, BUS interface. BUS functions as a driver/receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. Supports MP Program Download. One required per system. Available for spare part. RoHS-compliant
2	SPN-CP27B (CPU)	153639	-	U	X	-	-	Main Processor (one) for Back-Up MP system. Provides LAN control function, system-based DRS, built-in OAI, built-in SMDR via RS-232C and via IP, built-in PMS on IP, Virtual FP, IPT, and CSH, 33 MHz PCI BUS, Memory (SDRAM 32 MB, Flash ROM 9 MB), 16-line CFT, TDSW (1024CH x 1024CH), PB sender, Clock, DK, 2 RS-232C ports, 2-line PLO (receiver mode/source mode), 4-line PB receiver, 2-line DAT (Recording duration: Max. 128 sec.), Modem for remote maintenance (33.6 Kbps), MOH tone, BUS interface. BUS functions as a driver /receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. Two cards are required per Backup CPU system. One for active MP [MP0] and another for stand by MP [MP1]. Available for spare part. RoHS-compliant
3	SPN-CP27B (CPU) SET SPN-CP27-B MP (UA) (2)	153691	-	U	X	-	-	Main Processor's (two) for Back-Up MP system. - Provides same built-in features except the MP Program Download. Matched set, both SPN-CP27B CPU's have same serial number. Set available for spare part.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
4	SPN-CP31E (CPU) SPN-CP31E MP (UA)	153655	-	-	-	X	-	DML Central Processor - Provides LAN control function, System-based DRS, built-in FP, built-in OAI, built-in SMDR via RS-232C and via IP, built-in PMS on IP, Virtual FP, IPT, and CSH, 33 MHz PCI BUS, Memory (SDRAM 32 MB, Flash ROM 9 MB), 16-line CFT, PB sender, TDSW (1024CH x 1024CH), Clock, 2-line PLO (receiver mode /source mode), two RS-232C ports, 2-line DAT (Recording duration: Max. 128 sec.), DK, 4-line PB receiver, Modem for remote maintenance (33.6 Kbps), internal MOH tone, BUS interface. BUS interface functions as a driver/receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS, MP Program Download (FTP). One required per system. Available for spare part. RoHS-compliant
	PZ-M697	153491	-	-	-	X	-	Ethernet Control and inter-module BUS interface Card Mounted on PN-CP31-E card to accommodate the Ethernet and transmit /receive a signal of TCP/IP protocol. Provides Auto Negotiation function. – Set to ON/OFF by the office data setting. 10BASE-T/100BASE-TX twisted pair cable is connected directly to this card. BUS interface functions as a driver/receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. Occupies two physical slots width on PN-CP31-E.
5	SPN-CP31D (CPU) SPN-CP31D MP (UA)	153654	-	-	-	-	X	DMR Central Processor - Provides LAN control function, System-based Device Registration Server (DRS), built-in FP, 33 MHz PCI BUS, Memory (SDRAM 32 MB, Flash ROM 9 MB), TDSW (1024CH x 1024CH), 16-line CFT, PB sender, Clock, 2-line PLO (receiver mode/source mode), one RS-232C port, 4-line PB receiver, Modem (33.6 Kbps), internal MOH tone, BUS interface. BUS functions as a driver/receiver of various signals, adjusts gate delay timing, cable delay timing, monitors I/O Bus and PCM BUS. Supports MP Program Download. One required per system. Available for spare part. RoHS-compliant
6	PZ-M606-A	151492	R	U	X	X	X	Ether Control Card - Mounts on MP to accommodate the Ethernet and transmit/ receive a signal of TCP/IP protocol. 10/100 Base-T Half duplex auto-negotiate, RJ45 connector.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
4.1.2 FIRMWARE PROCESSOR (FP)								
1	PN-CP15	151409	-	U	X	-	-	Firmware Processor for IPS - Provides LT interface, Memory (RAM 768 KB), and inter-module BUS interface. BUS interface functions as a driver /receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. When the system consists of 3 PIMs or more, one each mounted respectively in PIM2, PIM4, and PIM6.
2	PN-CP33	153427	-	-	-	X	-	Firmware Processor for DML (440) System Provides LT interface, Memory (RAM 768 KB), and inter-module BUS interface. BUS interface functions as a driver/receiver of various signals, adjusts gate delay timing and cable delay timing, monitors I/O Bus and PCM BUS. When the system consists of 3 MCs or more, one each mounted in the MP slot of MC2, MC4, and MC6.
4.2 RETROFIT CONTROL CARDS								
4.2.1 RETROFIT PROCESSOR (MP)								
1	SPN-CP26B (CPU)	153638	R	-	-	-	-	Retrofit Main Processor– Provides same built-in features of the SPN-CP24D with the exception of MP Program Download and the PN-BS00-B is required to be mounted in PIM 0. Available for spare part. RoHS-compliant
2	SPN-CP28B (CPU)	153656	R	-	-	-	-	Retrofit Main Processor (one) for Back-Up MP. Provides same built-in features of the SPN-CP27B with the exception of MP Program Download and the PN-BS00-B is required to be mounted in PIM 0. Available for spare part. RoHS-compliant
3	SPN-CP28B (CPU) SET SPN-CP28B MP (UA) (2)	153692	R	-	-	-	-	Retrofit Main Processor's (two) for Back-Up MP. Matched set, both CP28B CPU's have same serial #. System Data is copied from active MP to standby MP.
4.2.2 RETROFIT FIRMWARE PROCESSOR (FP)								
1	PN-CP17 (FP)	151411	R	-	-	-	-	Retrofit Firmware Processor - Required when 3 or more PIMs are mounted. Requires the use of BS00-B and BS01-B
4.2.3 BUS INTERFACE								
1	PN-BS00-B	151460	R	-	-	-	-	BUS Interface connecting PIM 0 to PIM 1
2	SPN-BS01-B W/CA PN-BS01-B 48-TW-0.7 CONN CA PWR CA-A	151461	R	-	-	-	-	BUS Interface for PIMs 1 through 7, BUS Cable BS01 to BS01, DC Power Cable PW86 to PW86

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
5. FIRMWARE/ FLASHROM UPDATES								
5.1 APPLICATION PROCESSORS (AP) and LINE/TRUNK (LT)								
1	AP00B MRC-I (FD) SC-3714 IPS MRCA PROG-E1	153344	R	U	X	X	-	AP00B Firmware Update FD for updating SPN-AP00B MRC-C, -E, -F, -G. -H.
2	DTA CCT-B (FD)	153339	R	U	X	X	X	DTA CCT-B Firmware for upgrading the DTA (CCT)-A card
3	24PRTA-D (FD) SC-3490 IPS 24PRT PROG-F1	153330	R	U	X	X	X	SPN-24PRT Firmware for ISDN CPN for OG Call. For updating SPN-24PRTA-C.
4	24DTAC-B (MWIPS-FD) SC-3015 IXS PRT PROG-C1	150523	R	U	X	X	X	Flash ROM Update - adds CSU Function. For updating SPN-24DTAC-A
5	4BRTA-H (FD) SC-3487 IPS BRT PROG-F1	153340	R	U	X	X	X	SPN-4BRTA Firmware for CLI Call
6	CCH (AP) Chip Kit	150398	R	U	X	X	X	Upgrades SC00 CCH-C to SC00 CCH-D required with IPS (software R4.2 – R11)
7	16VCTAA-B CHIP KIT	150699	R	U	X	X	X	EPROM Update – adds Pass Through FAX to PN-16VCTAA IP PAD-A.
6. LINE/TRUNK CARDS (LT)								
6.1 DIGITAL LINE CIRCUIT (DLC)								
1	PN-8DLCP	150223	-	U	X	X	X	8 Circuit Digital Line Card - used for Dterm Series III, Series E and Series i Terminals, DSS Console and SN716 DESK CON.
2	PN-8DLCL	150222	-	U	X	X	X	8 Circuit Digital Line Card - used for E-Pro, Elite, IPK Terminals, Dterm Series III, Series E and Series i Terminals, DSS Console and SN716 DESK CON.
3	PN-4DLCT	153224	-	U	X	-	-	4 Circuit Digital Line Card (-48V) - used for Dterm Series E and Series i Terminals. PZ-PW122 Power Supply Required to provide Long Line function. Available with 3600 R11 or higher. RoHS-compliant
4	PN-4DLCQ	150219	R	U	X	X	X	4 Circuit Digital Line Card - used for Dterm Series III, Series E and Series i Terminals, DSS Console and SN716 DESK CON. Includes Line Test Function. Distance: MAX. 656.2 ft. (200m)
5	PN-4DLCM	150218	R	U	X	X	X	4 Circuit Digital Line Card - used for E-Pro, Elite, IPK Terminals, Dterm Series III, Series E and Series i Terminals, DSS Console and SN716 DESK CON. Includes Line Test Function. Distance: MAX. 656.2 ft. (200m)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
6.2 ANALOG LINE CIRCUIT / LONG LINE CIRCUIT								
1	PN-8LCAK Replaces PN-8LCAA	153114	-	U	X	X	X	8-Line Analog Station Card - Message Waiting Lamp control, Message Waiting Power from PZ-PW121 Power Supply via back plane. Momentary Open: 8 circuits Loop Resistance: Max. 600ohms Line test functions: 8 circuits; Available 3800 R13 and above. RoHS-compliant
2	PN-8LCAD	153201	-	U	X	-	-	8 Circuit Analog Station card - provides Caller ID display on analog station. 8 circuits for Messaging Waiting Control, Momentary Open, Caller ID, and Ring Trip Loop Resistance: Max. 600 ohms Reversal Sending and Line Test Function are Not available; PN-4RSTF required Note: Long Line Function not supported. Available 3400 R9 and above.
3	PN-4LLCB	151220	R	U	X	-	-	4 Circuit Analog Station card, provides Caller ID display on analog station and Long Line Function. Max 376 stations/ 94 cards per system. Message Waiting Lamp control, Message Waiting Power from PZ-PW121 Power Supply via back plane of IPS systems. If mounted in slots 8 through 11 in IPS PIM utilize Stutter Dial Tone for MW notification, lamp indication not available. Also can be used for Long Line Card (Ferrite Core required). Requires PN-4RSTF and PZ-122 power supply. 4 Circuits Momentary open Loop Resistance: DP (10PPS) Max. 2500 ohms; DP (20 PPS) Max 1700 ohms PB: MAX.1200ohms
4	PN-4RSTF-A	153221	R	U	X	X	-	4 Circuit Frequency Shift Key (FSK) register used with 4LLCB to provide analog station CID. 4RSTF required for every 130 analog CID stations. Available 3600 R11 or higher. RoHS-compliant.
5	FERRITE CORE	151340	R	U	X	-	-	Ferrite core used w/PZ-122 when 4LLCB is used as Long Line Card. Mounts on cable between PZ-122 & IPS Back Plane.
6	PN-4LCD-A	150216	R	U	X	X	X	4-Line Analog Station Card - Built-In Message Waiting (+80V) Power Supply and Control for 4 Circuits Momentary Open: 4 Circuits Loop Resistance: Max: 600ohms
7	PN-AUCA	150101	R	U	X	X	X	2-Line Long-Line card provided with the Power Failure Transfer (PFT) function. Used as 2-Line LLC with PFT or 2-Line DID. Two Reverse Circuits Included and On-Board Power (-48VDC) included Loop Resistance: MAX.2500ohms (LLC)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
6.3 IP PAD								
1	SPN-8IPLA IP-PAD-C	153154	R	U	X	X	X	8-channel IP-PAD Card - Provides LAN Interface, Packet Assembly/Disassembly to accommodate Legacy Line/Trunk interface. And provides voice compression DSP control functions such as voice compression control, DTMF relay and FAX relay. Voice compression protocols: G.711 (64 Kbps), G.723.1 (5.3 Kbps/6.3 Kbps), G.729a (8 Kbps); FAX protocol: Pass-through (G.711, G.726) "T.30 FAX is not supported." Provides Auto Negotiation function. When mounting 24DSP (PZ-24IPLA) card, this card can provides up to 32-channel of IP-PAD (When using G.723.1, provides up to 24-channel of IP-PAD). Two cards can be accommodated per built-in FP/FP card, maximum 8 per system. Auto-negotiation or 100Mbps Full Duplex is selectable (R9 or higher). The SPN-8IPLA PAD-C is required for the "Log Data Collections for VoIP Calls" feature. (R10 or higher)
2	PZ-24IPLA	151254	R	U	X	X	X	24 channel IP PAD and VCT daughter board. Mounts on SPN-8IPLA to provide up to 32 PAD/VCT channels. Max 2 cards per FP, 8 cards per system. Supports G.711/G.723.1/G.729a. In case of G.723.1, max. 16ch per card. Utilizes up to 32 LT time slots. "T.30 FAX is not supported." Pass-Through FAX G.711 and G.726 is supported.
3	SPN-32IPLAA IP-PAD-E	153158	R	U	X	X	X	32 channel IP PAD (IP to TDM Gateway) with integrated G.711 CODEC. 16VCT is required for voice compression with 16VCTAA IP PAD-B. Utilizes up to 32 LT time slots. Max 2 cards per FP, 8 cards per system. Compression (G.729/G.723) or FAX requires one 16VCTAA IP PAD-A for 16 channels and two 16VCTAA IP PAD-A cards for 32 channels. Supports T.30 or Pass-Through Fax (G.711/G.726). 16VCT is not required for G.711, 16VCT is required for G.726. (R9 or higher). Auto-negotiation or 100Mbps Full Duplex is selectable (R9 or higher)
4	PN-16VCTAA IP PAD-B	153136	R	U	X	X	X	Optional compression card. Supports 16 channel Voice Translator, does not utilize any time slots. Max 2 cards per each 32IPLA IP PAD. Provides G723 and G729a vice compression. Required for T.30 or Pass-Through FAX G.726 with 32IPLAA PAD-E.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
6.4 IP STATION (Peer to Peer)								
1	PZ-M606-A	151492	R	U	X	X	X	Ether Control Card - MP daughter board to accommodate the Ethernet and transmit/ receive a signal of TCP/IP protocol. 10/100 Base-T Half duplex auto-negotiate, RJ45 connector.
2	IPW-2U (P-P) (BK) Note: Please see Terminal Section of this document for complete list of Series i IP Terminals and adapters.	750442	R	U	X	X	X	The IPW-2U (P-P) Peer-to-Peer IP adapter (full duplex switch), available for Dterm Series E with LCD. Requires either ACA-U local power or POE Data Switch.
3	ACA-U UNIT	770310	R	U	X	X	X	24V DC adapter for connecting one IPW-2U to local power.
6.5 ISDN LINE CIRCUIT (ILC)								
1	SPN-2ILCC PN-2ILCC: SC-3632 IPS ILCA PROG-A1 Replaces SPN-2ILCA	153208	R	U	X	X	-	2 Circuit ISDN Station Card (S/T 4 wire Interface) National ISDN –1Basic Rate Video & Data Terminals. RoHS-compliant
6.6 CENTRAL OFFICE TRUNK (COT)								
1	PN-8COTS	150113	-	U	X	X	X	8 Circuit Trunk (Ground /Loop Start) with Disconnect Supervision
2	PN-8COTQ	150116	-	U	X	X	-	8 Circuit Analog Caller ID Trunk (FSK/ Loop Start) with Disconnect Supervision Requires SPN-4RSTC-A (AP)
3	PN-4COTB	150100	R	U	X	X	X	4 Circuit Trunk(Ground / Loop Start) With Disconnect Supervision
4	PN-4COTG	150107	R	U	X	X	-	8 Circuit Analog Caller ID Trunk (FSK/ Loop Start) with Disconnect Supervision Requires SPN-4RSTC-A (AP)
6.7 ANALOG TIE LINE TRUNK (ODT)								
1	SPN-4ODTA	151256	-	U	X	-	-	4 Circuit E&M (2W/4W) TIE Trunk – for E&M Type-I signaling. Max of 4 cards per PIM. PZ-PW122 is required. Available from 3300 R8 or higher.
2	PN-2ODTA	150102	R	U	X	X	X	2 Circuit E&M (2W/4W) TIE Trunk for E&M Type-I signaling. On-Board Power - 48VDC
6.8 DIRECT INWARD DIALING TRUNK (DID)								
1	PN-4DIDA	153104	R	U	X	X	X	4 Circuit Direct Inward Dialing Trunk (DID) Provides reversal for disconnect. Available 3600 R11 or higher. RoHS-compliant Replaced PN-4DITB
2	PN-AUCA	150101	R	U	X	X	X	2 Circuit Analog Universal Trunk - Used for 2 Long Line or 2 DID with Power Fail Transfer. Provides Reversal for disconnect Loop Resistance: MAX.2500ohms(LLC)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
6.9 REGISTER/SENDER TRUNK (RST/PBR)								
1	PN-8RSTG	151289	R	U	X	X	-	8 Circuit PB Receiver DTMF Register used with analog single lines with out Caller ID. Used for a PB station line, DID or tie line.
2	PN-4RSTF-A	153221	R	U	X	X	-	4 Circuit Frequency Shift Key (FSK) register used with 4LLCB to provide analog station CID. 4RSTF required for every 130 analog CID stations. Available 3600 R11 or higher. RoHS-compliant.
6.10 DIGITAL ANNOUNCEMENT TRUNK (DAT)								
1	PN-4DATC	150115	R	U	X	X	-	4 Circuit Digital Announcement Trunk - 120 seconds per Card, automatically allocated at time of recording
2	SPN-2DATA	151202	R	U	X	X	-	2 Channel Digital Announcement Trunk - 60 seconds per Channel
6.11 WIRELESS ZT INTERFACE (CSI)								
1	PN-4CSIA-A	151251	-	U	X	X	X	4 Circuit Cell Station Interface (CSI) for U-interface ZT. 2 slot card, 16 LT Ports PZ-PW122 is required for IPS. Requires SPN-SC03B 8CSH-C (AP)
6.12 MUSIC ON HOLD AND BACKGROUND MUSIC								
1	PN-TNTA	151210	R	U	X	X	-	2 Circuit Music On Hold (MOH) or Back Ground Music (BGM) Interface. Max of 10 MOH/BGM per System
6.13 RELAY CONTROL CARD (DK)								
1	PN-DK00	151203	R	U	X	X	-	External Key Scan/External Relay Control Function is assigned on 4/8 Circuit Basis: 0 Relay + 8 Scanner; 8 Relay + 0 Scanner, 4 Relay + 4 Scanner. Max. 8 Circuit per Card.
6.14 BUILT-IN ROUTER								
1	NEAX IPS RTA PN-RTA	151239	R	U	X	X	X	In-Skin Router Card - 10BASE-T: 1 Port, 10/100BASE-T: 1Port, RS-232C (D-sub 9pin). 1 Slot per card.
2	NEAX IPS M623 PZ-M623	151495	R	U	X	X	X	Ether Control Card - Mounts on PN-RTA card, Provides additional 10BASE-T Port
3	NEAX IPS M649 PZ-M649	151496	R	U	X	X	X	T1 Digit Trunk Interface (1.5 Mbps). Mounts on PN-RTA, Built-in CSU/DSU

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7. APPLICATION PROCESSOR CARDS (AP)								
7.1 DIGITAL / ISDN / CCIS / QSIG								
1	SPN-DTA(PRT)-A (AP) SC-3592 IPS PRTDA PROG-A1 Replaces SPN-24PRTA-D and SPN-24DTAC-B	153256	R	U	X	X	X	1.5M Digital Trunk Interface card that can be used for either T1 or PRI. Used for T1 Interface - 24 channel T1 (Max 10 T1, using 24 APTS, Max of 240 DTI Ports); Used for ISDN PRI Trunk Interface with D-Channel Handler for 24 channel ISDN Primary Rate (23B+D) included (uses 25 APTS). RoHS-compliant
2	SPN-24DTAC-B (AP)	151232	R	U	X	X	X	1.5M Digital Trunk Interface (Max 10 T1, using 24 APTS, Max of 240 DTI Ports) Lower/Upper AP Hwy. DTE Jitter Transfer Fuse capacity (500mA), Built-In CSU.
3	SPN-DTA(CCT)-B (AP) PN-DTA SC-3631 IPS CCHDA PROG-A1 Replaces SPN-DTA(CCT)-A and SPN-24CCTA-A	153123	R	U	X	X	-	Can be used as either 24 channel CCIS span or Common Channel Handler for CCIS used with T1. Card is a 24 channel CCIS Interface with C-Channel Handler included. 1.5M Digital Trunk Interface using 25 Application Time Slots. Max 8 CCIS Links. Used for CCIS with Point to Point T1. RoHS-compliant
4	SPN-4BRTA-H (AP)	153489	-	U	X	X	X	4 circuit Basic Rate (2B+D) Interface Trunk Card: Accommodates 4 two-channel PCM digital lines. Both Point-to-Point and Point-to-Multi-Point are supported. RoHS-compliant.
5	SPN-DTA(QSIG)-A (AP) SC-3630 IPS PRTDB PROG-A1	153255	R	U	X	X	-	24 channel QSIG Trunk Interface. Supports the following Supplementary Services (SS): SS-CLIP, SS-CLOP, SS-CLIR, SS-CONP, SS-CNIR and SS-CONR. Implementation of ID-SS (ETS 300 173) and Name ID-SS (ETS 300 238) is based on basic specifications of ETS 300 172 by ETSI at the Q reference point between PBX's. RoHS-compliant
7.2 CONFERENCE TRUNK (CFT)								
1	SPN-CFTC-A (AP)	153125	R	U	X	X	-	32 Party Digital Conference - Group Call Automatic; Group Call Broad Cast; Group Call Two Way Calling; Attendant and Station Controlled Conference. Can use Line Key conference. RoHS-compliant 1.5M Digital Trunk Interface (Max 8 T1, using 32 APTS, Max of 256 DTI Ports) Lower/Upper AP Hwy.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7.3 CHANNEL HANDLERS-CCH/ICH/CSH								
1	SPN-DTA(CCT)-B (AP) PN-DTA SC-3631 IPS CCHDA PROG-A1 Replaces SPN-SC00 CCH-D	153123	R	U	X	X	-	Can be used as either Common Channel Handler for CCIS used with T1 or 24 channel CCIS span. Card used as Common Channel Handler for CCIS is used with T1 and is 1 per Destination Site, Max 8 CCIS Links. Used for CCIS with Point to Point T1. RoHS-compliant
2	SPN-SC00 CCH-D (AP)	151282	R	U	X	X	-	Common Channel Handler for CCIS 1 per Destination-Site (Max 8 per sys). Required for T1-CCIS or E-CCIS
3	SPN-SC03B 8ICH (AP)	151233	R	U	X	X	-	D-Channel Handler (8ICH) with Flash ROM - Uses 4 AP Time Slots. Required for BRI Station Side (One SC03 for every 4 2ILCA cards) Lower AP Hwy
4	SPN-SC03B 8CSH-C (AP)	153185	R	U	X	X	X	Wireless ZT Handler (CSH) w/Flash ROM. Uses 4 AP Time Slots, Supports both S and U Interface. Supports Short Text Message and Nurse Call system. Required to expand PSs from 256 to 512 (R9 or higher). Used with PN-4CSIA-A
7.4 IP TRUNK								
1	SPN-IPTB-A (AP)	150132	R	U	X	X	-	16 Channel IP Trunk Card. (G.729a. Payload 40ms), VoIP P-P and P-MP. Max.1/PIM, Max 8 cards per system, Max 127 channels per system. Has built-in CCH supporting up to 255 nodes. Has one RJ45 connectors for 10/100 Ethernet /Fast Ethernet to router. Up to quantity 4 4VCT are connected to one IPT.
2	SPN-4VCTI-A w/CA PN-4VCTI IP TRUNK BUS CABLE	150133	R	U	X	X	-	4-channel voice translator CODEC card. (VoIP P-P / P-MP.) Includes BUS cable. Voice Compression: G729A/ G723.1/ G711, FAX (14.4Kbps), DTMF Signal. Up to qty 4 are used with one SPN-IPTB-A to provide 16 IP Trunk Channels. Max 4 VCTs per each IPT, max 32 VCTs per system. VCT cards connect together and to IPT via front connected bus cable. One cable is included with each VCT card.
7.5 MFC REGISTER/SENDER								
1	SPN-4RSTBA-B (AP)	153207	R	U	X	X	-	4 Circuit MF Sender for T1 ANI Supports T1 Feature Group D (number only). Uses 4 APTS, Lower AP Hwy. Max: 4-Cards per system including 4RSTC-A and 4RSTBA-911. (R11 or higher) RoHS-compliant.
2	SPN-4RSTBA-911 (AP)	153215	R	U	X	X	-	4 Circuit MF Receiver card for E-911 (requires CAMA Trunks) Uses 4 APTS, Lower AP Hwy. Max: 4-Cards per system including 4RSTC-A and 4RSTBA-B. (R11 or higher) RoHS-compliant.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7.6 CALLER ID (Analog Trunk)								
1	SPN-4RSTC-A (AP)	153267	R	U	X	X	-	4-line Caller ID Receiver Trunk Card Used for Caller ID (CLASS SM) on analog trunks. Max: 4-Cards per system including SPN-4RSTBA-911 and SPN-4RSTBA-B. Used with PN-8COTS. RoHS-compliant.
7.7 SMDR/ MCI/ PMS/ HOTEL PRINTER								
1	SPN-AP00B MRC-I (AP) SC-3714 IPS MRCA PROG-E1 Replaces SPN-AP00B MRC-H	153493	R	U	X	X	-	Application Processor card - One AP00 card per system. Functions Include: SMDR 2400 Format, SMDR 2400 Extended Format, Station to Station SMDR, MCI, DND Group, Executed Task Print Out for MP-PMS and H/M Printer for MP-PMS. (Does not support 1400 SMDR format) RoHS-compliant
2	SPN-AP00B MRC-C (AP)	151229	R	U	X	X	-	Application Processor card - 1 AP00 card per system. Lower AP Hwy; Provides four RS-232C ports: One Port Synchronous and Three Ports Asynchronous. Functions Include: SMDR (both 2400 and 1400 formats), PMS, H/M Printer and MCI.
3	PZ-M537	151486	R	U	X	X	-	Expansion Memory for AP00B
7.8 WIRELESS ROAMING								
1	SPN-AP00B DBM-C (AP)	153159	R	U	X	X	-	Database Memory Card - Required for Wireless Roaming and OAI applications using free Location Facility (FLF). PBX receives a copy of the database from OAI server by FLF function. The PBX stores this database on the AP00B DBM-C card, where it refers to the data and converts ID codes to station numbers. Expands PS handsets to 512 (R9 enhancement)
2	SPN-SC01 DCH-Q (AP)	151275	R	U	X	X	-	DCH Card for Wireless Roaming (Q.931.a) - one per system; Uses 1 APTS, Lower AP Hwy Installed w/ T1
7.9 ACD-MIS / OAI INTERFACE								
1	PZ-M606-A	151492	R	U	X	X	X	Ether Control Card - MP daughter board to accommodate the Ethernet and transmit/ receive a signal of TCP/IP protocol. 10/100 Base-T Half duplex auto-negotiate, RJ45 connector.
8. CABLES								
1	PWR CA-A	151008	R	U	X	-	-	DC Power Cable - 1.6 ft, 0.5 meters long. Connects PW121 to PW121. Used to connect PIMs 0 to 1, 2 to 3, 4 to 5, 6 to 7. Max 4 cables per system
2	PWR CNT CA-D	151031	-	U	X	-	-	Power Control Cable - Used to connect PIM 1- PIM 7 to PW121/122 (Included with PIM)

UNIVERGE NEAX 2000 IPS
PARTS LIST

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
3	PWR CNT CA-E	151032	-	U	X	-	-	Power Control Cable - Connects between PIM 0 PW121/122 and Base Unit. (Included with base)
4	AC CORD-A-U	151010	R	-	-	-	-	AC Power Cable for commercial power (Included with Top/bottom Unit)
5	AC CORD-B-U	151011	R	U	X	X	-	AC Power Cable 5.9 ft., connects from Base to each PW121 (Included w/ PIM)
6	AC CORD-D-U	151033	-	U	X	-	-	AC Power Cable for commercial power. 11.5 ft., 3.5 m long (Included in base)
7	BATTERY CA INT	151002	R	U	X	-	-	Cable to connect internal Batteries to PW121 /PW122. 1 foot, 0.3 m long (Included with internal batteries)
8	BATTERY CA EXT	151003	-	U	X	-	-	Cable to connect External Batteries to PW121/122, 1 per 2 PIMs or 1 per 4 PIMs, based on configuration.
9	BATT CA-PS2	151024	R	-	-	-	-	External Battery Cable - PW86 to External Batteries
10	MAT CA-T	151029	R	U	X	X	X	Local MAT Cable - 6.6 ft, 2.0 m long (female RS232) (PC SIDE: 9PIN D-SUB)
11	48-TW-0.7 CONN CA	151013	R	U	X	-	-	Bus Interface Cable - 2.3 ft, 0.7 m long. Connects PIM to PIM or BS00 to BS01
12	48-TW-1 CONN CA	151015	R	U	X	-	-	BUS Interface Cable – Connects PIM 0 to PIM 4 in 19" Rack Mount. 3.2 ft, 1 m long. Connects PIM to PIM or BS00 to BS01
13	RS NORM-4S CA-A	151004	R	U	X	X	-	RS-232C DTE Cable for Modem - (Female RS232) 13.1 ft, 4 m long. MP and AP connection: Synchronous, 9.6Kbps
14	AP RS-0.3 CA-F	151006	R	U	X	-	-	Application Cable - 1 foot, 0.3 meters long For AP00 connection to MP
15	RS RVS-4S CA-C	151021	R	U	X	X	-	RS-232C Cable (Male RS232) – 13.1 ft, 4 m long. MP and AP connection
16	RS PRT-15S CA-C	151056	R	U	X	X	-	RS-232C Cable (Female RS232) - 49.2 ft, 15 m long. For AP00 to Serial Printer
17	IP TRK BUS CA	151036	R	U	X	X	-	Cable for IP TRK (Included in 4VCT and 16VCT IP PAD)
18	AC CORD-E-U	151037	-	-	-	X	X	AC Cable, one is included with each PIMMF. One per PIM
19	BATT CA-P5	151039	-	-	-	X	X	External Battery Back-Up Cable
20	BUS-0.4 CA-X	151053	-	-	-	X	X	BUS Cable, connects between DML / DMR MCs

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
9. PATCH PANEL								
1	24 Port Patch Panel	150230	R	U	X	X	X	Pre-wired 24 Port Patch Panel with R45 jacks and 50 Position male Amphenol Connector. IDC connector for MJ/MN alarms. 1RU/ 19" x 1.73" Rack Mount, Blue with NEC Logo.
10. POWER FAILURE TRANSFER								
1	PZ-8PFTB	150119	-	U	X	-	-	8 Circuit Power Fail Transfer Card Mounts in designated Card Slot.
2	PZ-4PFTA	151493	-	-	-	X	X	4 Circuit Power Fail Transfer (PFT). Mounts in each DML/DMR (includes mounting hardware and Power CA-PFT)
3	PN-AUCA	150101	R	U	X	X	X	2 Circuit Analog Universal Trunk Card - Used as 2L LLC with PFT or 2L DID Loop Resistance: MAX.2500ohms (LLC); Two Reverse Circuits Included. On-Board Power (-48VDC) included
11. ALARM DISPLAY PANEL								
1	ALM DSPP	151300	R	U	X	X	X	External Alarm Display Unit - Provides Power-ON, Major- Alarm, Minor-Alarm
12. BUILT-IN VOICE MAIL								
12.1 NEAXMAIL IM-16 LX								
1	NEAXMAIL IM-16 LX 4 Port, 90 Hours PZ-VM07 - 2GB Solid State Drive (SSD) 4 Port Voice Mail License	153186	R	U	X	X	-	In-Skin VMS 4 port 90 hours Base Package. Occupies VM slot & one LT slots when using 4 to 8 ports, and VM slot & two LT slots when using 12 to 16 ports.
2	NEAXMAIL IM-16 LX 4 Port, 290 Hours PZ-VM07 - 4 GB Solid State Drive (SSD) 4 Port Voice Mail License	153187	R	U	X	X	-	In-Skin VMS 4 port 290 hours Base Package Occupies VM slot & one LT slots when using 4 to 8 ports, and VM slot & two LT slots when using 12 to 16 ports.
3	NEAXMAIL IM-16 LX 4 Port, 490 Hours PZ-VM07 - 6 GB Solid State Drive (SSD) 4 Port Voice Mail License	153188	R	U	X	X	-	In-Skin VMS 4 port 490 hours Base Package. Occupies VM slot & one LT slots when using 4 to 8 ports, and VM slot & two LT slots when using 12 to 16 ports.
4	IM-16LX VM 4 to 8 Port License	0161107	R	U	X	X	-	Additional 4 to 8 Port license - Purchased with a new Base Package
5	IM-16LX VM 4 to 12 Port License	0161108	R	U	X	X	-	Additional 4 to 12 Port license - Purchased with a new Base Package
6	IM-16LX VM 4 to 16 Port License	0161109	R	U	X	X	-	Additional 4 to 16 Port license - Purchased with a new Base Package
7	IM-16LX UM 4 Port License	0161110	R	U	X	X	-	Unified Messaging 4 Port license - Purchased with a new Base Package
8	IM-16LX UM 4 to 8 Port License	0161111	R	U	X	X	-	Unified Messaging 4 to 8 Port license - Purchased with a new Base Package
9	IM-16LX UM 4 to 12 Ports License	0161112	R	U	X	X	-	Unified Messaging 4 to 12 Port license - Purchased with a new Base Package

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
10	IM-16LX UM 4 to 16 Ports License	0161113	R	U	X	X	-	Unified Messaging 4 to 16 Port license - Purchased with a new Base Package
11	Unlimited Seats Unified Messaging – VMM	0161114	R	U	X	X	-	Unlimited Seats Unified Messaging – VMM
12	Unlimited Seats Unified Messaging – VMG	0161115	R	U	X	X	-	Unlimited Seats Unified Messaging – VMG
13	Unlimited Seats Unified Messaging – VML	0161116	R	U	X	X	-	Unlimited Seats Unified Messaging – VML
14	5 Seats Unified Messaging – VMM	0161117	R	U	X	X	-	5 Seats Unified Messaging – VMM
15	5 Seats Unified Messaging – VMG	0161118	R	U	X	X	-	5 Seats Unified Messaging – VMG
16	5 Seats Unified Messaging – VML	0161119	R	U	X	X	-	5 Seats Unified Messaging – VML
17	IM-16LX Fax Port	0161127	R	U	X	X	-	FAX ports – maximum 4 per VMS
12.1.1 IM-16 LX EXPANSION HARDWARE								
1	PZ-VM08	153272	R	U	X	X	-	Daughter board provides additional 8 VM ports when expanding from 8 to 12/16.
12.1.2 IM-16 LX PORT EXPANSION LICENSE								
1	4 Port Voice Mail License	0161133	R	U	X	X	-	Port addition per 4 port Voice Mail license
2	4 Port Unified Messaging License	0161134	R	U	X	X	-	Port addition per 4 port Unified Messaging license
3	Voice Mail to Unified Messaging Upgrade	0161140	R	U	X	X	-	Voice Mail to Unified Messaging Upgrade
12.1.3 IM-16 LX TEXT-TO-SPEECH (TTS)								
1	TTS Session for Microsoft® Outlook®	0161123	R	U	X	X	-	TTS Session for Microsoft® Outlook®
2	TTS Session for Novell® GroupWise®	0161124	R	U	X	X	-	TTS Session for Novell® GroupWise®
3	TTS Session for Lotus® Notes®	0161125	R	U	X	X	-	TTS Session for Lotus® Notes®
4	IM-16 TTS Upgrade to IM-16LX TTS	0161126	R	U	X	X	-	IM-16 TTS Upgrade to IM-16LX TTS
12.1.4 IM-16 LX SYSTEM UTILITIES								
1	F-Secure SSH Client Software	0161143	R	U	X	X	-	Remote Access software
12.1.5 IM-16 LX SYSTEM LANGUAGES								
1	Additional IM-16 LX System Languages	0161128	R	U	X	X	-	Maximum 3 languages per system American English, Argentinean Spanish, Australian English, Canadian French, Cantonese, Danish, Dutch, French, German, Hebrew, Iberian Portuguese, Italian, Latin American Spanish, Madrid Spanish, Mexican Spanish, New Zealand English, Swedish, Portuguese, United Kingdom English

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
12.1.6 IM-16 LX HOSPITALITY								
1	Hospitality Software	0161129	R	U	X	X	-	Hospitality and PMS
2	Front Desk Tent Cards (Package of 5)	0161131	R	U	X	X	-	Voice Mail operating instructions card for administrative staff.
3	Guest Room Tent Cards (Package of 50)	0161132	R	U	X	X	-	Voice Mail operating instructions card for guest room.
4	IM16 LX Hospitality Languages	0161130	R	U	X	X	-	Available languages - American English, Argentinean Spanish, Australian English, Canadian French, Cantonese, Danish, Dutch, French, German, Hebrew, Iberian Portuguese, Italian, Latin American Spanish, Madrid Spanish, Mexican Spanish, New Zealand English, Swedish, Portuguese, United Kingdom English
12.1.7 IM-16 LX DOCUMENTATION								
1	Quick Reference Cards	0161141	R	U	X	X	-	Quick Reference Cards (package of 25)
2	Installation Guide	0161142	R	U	X	X	-	Installation Guide
13. ATTENDANT CONSOLE								
13.1 DESK CONSOLE								
1	SN716 DESK CON-C SN716 DESK CON A-C 6P6C(IV) Line Cord	201448	R	U	X	X	-	SN716 DESK CONSOLE - Maximum of 8 Consoles per system
2	SN-716 DESK CONSOLE Headset	200915	R	U	X	X	-	Headset for SN-716 DESKCON
3	SN536 DCHST A-A	200285	R	U	X	X	-	Handset & Cradle for SN-716 DESKCON
4	ACA-U UNIT	770310	R	U	X	X	-	24V DC Adapter for Local PWR to DESKCON (1 AC Adapter per Console)
5	SN-716 DESKCON User Guide	188027	R	U	X	X	-	DESKCON User Guide 10 per package
14. TERMINALS								
14.1 ANALOG TERMINALS								
1	DTR-1-1 (BK) TEL DTR-1-1 (WH) TEL	780020 780021	R	U	X	X	X	Series i - Fully modular with Redial key, Ring/Handset Receive volume, Flash key, MW lamp, Data Jack,. Loop resistance max 600 ohms (8LC) and max 2500 ohms with (LLC).
2	DTR-1HM-1 (BK) TEL DTR-1HM-1 (WH) TEL	780025 780026	R	U	X	X	-	Series i Hotel/Motel - Fully modular with Redial key, Flash key, Data Jack, MW Lamp, 8 programmable Feature/Speed Dial keys, Ring/Handset Receive Volume
3	DTH-1-1 (BK) TEL	780034	R	U	X	X	X	Single line (black) - Built-in Wall Mount Unit, Flash Key; Mute Key, 3 Ring Tones, MW lamp, Volume Control, Redial Key, 4 Programmable speed dial keys store up to 21 digits

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
14.2 DTERM SERIES i DIGITAL TERMINALS								
1	DTR-2DT-1 (BK) TEL DTR-2DT-1 (WH) TEL	780030 780032	R	U	X	X	X	2 Line Terminal - 2 Flexible 2-color LED Line keys, 8 Function Keys, built-in Speakerphone, Electronic Volume, Tone Controls. (Does not support optional adapters)
2	DTR-4D-1 (BK) TEL	780031	R	U	X	X	X	4 Line Display Terminal - 4 Flexible 2-color LED Line keys, 9 dedicated Function Keys, 2 volume keys, 4 Soft-keys, Help, Exit Keys, large MW LED, LCD display (Does not support optional adapters)
3	DTR-8-2 (BK) TEL DTR-8-2 (WH) TEL	780036 780038	R	U	X	X	X	8 Line Terminal - 8 Flexible 2-color LED Line keys, 11 Function Keys, built-in Speakerphone, headset jack, wall mount unit, 4 soft-keys, Large LED, Electronic Volume, Tone Controls, and tilt stand.
4	DTR-8D-2 (BK) TEL DTR-8D-2 (WH) TEL	780040 780042	R	U	X	X	X	8 Line Display Terminal - 8 Flexible 2-color LED Line keys, 8 Function Keys, built-in Speakerphone, headset jack, wall mount unit, 24 x 3-line display, 4 soft-keys, Large LED, Electronic Volume, Tone Controls, and tilt stand.
5	DTR-16D (BL)-2 (BK) TEL	780044	R	U	X	X	X	16 Line BACK-LIT Display- Terminal (BK) - 16 flexible 2-color LED line keys, eight function keys, 4 soft-keys, wall mount unit, built-in speakerphone, headset jack, backlit 24 x 3-line display, large LED, Tone Controls, Electronic Volume and tilt stand.
6	DTR-16D-2 (BK) TEL DTR-16D-2 (WH) TEL	780048 780050	R	U	X	X	X	16 Line Display Terminal - 16 Flexible 2-color LED Line keys, 11 Function Keys, built-in Speakerphone, headset jack, wall mount unit, 24 x 3-line display, 4 soft-keys, Large LED, Electronic Volume, Tone Controls and tilt stand.
7	DTR-16LD-1 (BK) TEL DTR-16LD-1 (WH) TEL	780051 780053	R	U	X	X	X	16 LCD DESI-LESS Terminal - 16 Flexible LCD appearances for Speed Dial/DSS or feature/line appearances, 4 Soft-keys, 11 Function Keys, Built-in Speakerphone (Half Duplex), Headset Jack, Wall Mount Unit, In-Line Power, and 12 ft. Handset cord. Available from 3300 series R8.
8	D16 (LD) – R (BK) ADM D16 (LD) – R (WH) ADM	780550 780551	R	U	X	X	X	Dterm Desi-Less expansion Add-on Module (16LD-ADM) extends the capabilities of the DTR-16LD and ITR-16LD terminals with additional buttons and an LCD display. This expansion module adds 16 buttons, increasing the total number of buttons with one module. Available from 3700 Series R12.1.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
9	DTR-32D-1 (BK) TEL DTR-32D-1 (WH) TEL	780055 780057	R	U	X	X	X	32 Line Display Terminal - 32 Flexible 2-color LED Line keys, 11 Function Keys, built-in Speakerphone, headset jack, wall mount unit, 24 x 3-line display, 4 soft-keys, Large LED, Electronic Volume, Tone Controls and tilt stand.
10	DCR-60-1 (BK) Console DCR-60-1 (WH) Console	780060 780061	R	U	X	X	X DSS	DSS/BLF - ADD-ON MODULE (BK) - 48 programmable, 2-color LED keys (for station/trunk appearances), 12 Function keys with red LED, and tilt stand. Requires an AC-R ADP (included).
14.2.1 SERIES I ADAPTERS and ACCESSORIES								
1	AD(A)-R UNIT	780104	R	U	X	X	X	Tape Recorder Interface - Provides Series i Multi-line Terminals ability to interface with recording device.
2	AP(R)-R UNIT	780105	R	U	X	X	X	Analog SLT Adapter with Ringing. Provides Series i terminals ability to interface with analog devices. Ringing is provided. Requires an AC-R ADP.
3	AP(A)-R UNIT	780106	R	U	X	X	X	Analog Adapter without Ringing. Provides Series i Multiline Terminals ability to interface with analog devices. No ringing is provided.
4	IP-R UNIT Requires an AC-2R Unit or In-line power equipment.	780108	R	U	X	X	X	IP Converter/Adapter - Two 10/100 full duplex Ethernet ports- One connects the Dterm IP to the local Ethernet network, the other provides connectivity for a local workstation.
5	WM-R UNIT	780103	R	U	X	X	X	Wall Mount Unit - Terminals with an adapter and/or IP-R can be wall mounted.
6	PC TELEPHONY Adapter Requires an AC-2R Unit	0220003	R	U	X	X	X	PC TAPI Adapter Unit. Used to connect Series I terminal to a PC.
7	AC-2R	780135	R	U	X	X	X	AC Adapter - Provides AC power to AP(R)-R, IP-R Unit and/or DCR-60-1. Input = 120V 60Hz 30W Output = 24Vdc 750ma
8	HF-R UNIT (BK) HF-R UNIT (WH)	780133 780134	R	U	X	X	X	External Handsfree Unit - Provides full-duplex speakerphone quality with an echo canceling circuit. Each terminal with an HF-R Unit installed requires power from an AC-R Unit. External MIC with Push to Mute LED is included with this unit.
9	IPLA-R	780122	R	U	X	X	X	802.3af Power Dongle - Provides 802.3af standard for POE. Used with IP-R and IPW-2U (P-P) Unit.
10	BS(French) – R (BK) BS(French) – R (WH)	780124 780125	R	U	X	X	X	French keypad assembly

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
11	BS(Spanish) – R (BK) BS(Spanish) – R (WH)	780126 780127	R	U	X	X	X	Spanish keypad assembly
12	BS(Braille) – R (BK) BS(Braille) – R (WH)	780153 780154	R	U	X	X	X	Braille keypad assembly
13	BS(ACD)-R (BK) BS(ACD)-R (WH)	780128 780129	R	U	X	X	X	ACD keypad assembly with the ACD functions labeled on the keys. Available for 8D and 16D terminals.
14.3 DTERM IP v3 TERMINALS								
1	ITR-4D-3 (BK)	780019	R	U	X	X	X	4 LINE Display Terminal - (Does not support optional adapters). 4 Flexible 2-color LED Line keys, 9 dedicated Function Keys, 2 volume keys, 4 Softkeys, Help, Exit Keys, large MW LED, LCD display
2	ITR-8D-3 (BK) ITR-8D-3 (WH) ITR-8D-3 (BB) Requires an AC-R Unit or In-line power support utilizing the 802.3af and CDP when connected to Cisco®-based equipment.	780023 780024 780270	R	U	X	X	X	8 Button IP Terminal with LCD Display - Two 10/100 full duplex Ethernet ports- One connects the Dterm IP to the local Ethernet network, the other provides connectivity for a local workstation. 4 Soft-Keys, MW LED, 24 x 3 Line Display, Built-in Headset Jack, Speed Dial/DSS Buttons, 8 Flexible Line Keys with 2-Color LED, 11 Function keys, Built-in Full Duplex Speaker Phone, Electronic Volume, Tone Control and WM-RB UNIT.
3	ITR-16D-3 (BK) ITR-16D-3 (WH) ITR-16D-3 (BB) Requires an AC-R Unit or In-line power support utilizing the 802.3af and CDP when connected to Cisco®-based equipment.	780028 780029 780271	R	U	X	X	X	16 Button IP Terminal with LCD Display - Two 10/100 full duplex Ethernet ports- One connects the Dterm IP to the local Ethernet network, the other provides connectivity for a local workstation. MW LED, 4 Soft-Keys, 24 x 3 Line Display, Built-in Headset Jack, Speed Dial/DSS Buttons, 16 Flexible Line Keys with 2-Color LED, 11 Function keys, Built-in Full Duplex Speaker Phone, Electronic Volume, Tone Control and WM-RB UNIT.
4	ITR-16LD-3 (BK) ITR-16LD-3 (WH) Requires an AC-R Unit or In-line power support utilizing the 802.3af and CDP when connected to Cisco®-based equipment.	780090 780092	R	U	X	X	X	16 LCD Desi-Less Terminal - Two 10/100 full duplex Ethernet ports- One connects the Dterm IP to local Ethernet network, the other provides connectivity for a local workstation. 4 Soft-Keys, MW LED, 24 x 3 Line Display, Built-in Headset Jack, 16 Flexible LCD appearances for Speed Dial/DSS or line/ features, 11 Function keys Built-in Full Duplex Speaker Phone, Electronic Volume, Tone Control and WM-RB UNIT. Available from 3300 Series R8

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
5	D16 (LD) – R (BK) ADM D16 (LD) – R (WH) ADM	780550 780551	R	U	X	X	X	Dterm Desi-Less expansion Add-on Module (16LD-ADM) extends the capabilities of the DTR-16LD and ITR-16LD terminals with additional buttons and an LCD display. This expansion module adds 16 buttons, increasing the total number of buttons with one module. Available from 3700 Series R12.1.
6	ITR-32D-3 (BK) ITR-32D-3 (WH) ITR-32D-3 (BB) Requires an AC-R Unit or In-line power support utilizing the 802.3af and CDP when connected to Cisco®-based equipment.	780045 780046 780272	R	U	X	X	X	32 Button IP Terminal with LCD Display - Two 10/100 full duplex Ethernet ports- One connects the Dterm IP to the local Ethernet network, the other provides connectivity for a local workstation. 4 Soft-Keys, Message Waiting LED, 24 x 3 Line Display, Built-in Headset Jack, Speed Dial/DSS Buttons, 32 Flexible Line Keys with 2-Color LED, 11 Function keys, Built-in Full Duplex Speaker Phone, Electronic Volume, Tone Control and WM-RB UNIT.
14.3.1 DTERM IP v3 TERMINAL ADAPTERS								
1	AD(A)-R UNIT	780104	R	U	X	X	X	Tape Recorder Interface - Provides Series i Terminal interface with recording device.
2	PS(A)-R UNIT	780110	R	U	X	X	X	BACK-UP PSTN Interface - Provides survivability to the desktop. If the IP network crashes unit can support backup PSTN analog circuit that provides incoming and outgoing call capabilities.
3	AC-2R UNIT	780135	R	U	X	X	X	AC Adapter - Provides AC power for ITR IPv3 Terminals. Input = 120V 60Hz 30W, Output = 24Vdc 750ma.
4	WM-R UNIT	780103	R	U	X	X	X	Wall Mount Adapter - Replacement for ITR IPv3 Terminals Included with all ITR IPv3 Terminals
14.4 SPARE PARTS DTERM SERIES i and DTERM IP								
1	Replacement Line Cord (BK) Replacement Line Cord (WH)	770502 770503	R	U	X	X	X	Line cord for Series i
2	Directory Card Kit	770626	R	U	X	X	X	Directory Card Kit contains 10 paper cards and 10 plastic cardholders.
3	DTR/ITR Handset Replacement (WH) DTR/ITR Handset Replacement (BK)	780501 780502	R	U	X	X	X	Replacement handset with out handset cord.
4	DTR/ITR Hanger Kit (BK) DTR/ITR Hanger Kit (WH)	780504 780505	R	U	X	X	X	Handset hanger (Package of 25)
5	DTR/ITR Plastic Clip	780525	R	U	X	X	X	Clip to connect Directory Cards to Terminal (Package of 10)
6	DTR/ITR-8D Plastic Plate DTR/ITR-16D Plastic Plate DTR/ITR-16LD Plastic Plate DTR/ITR-32D Plastic Plate	780512 780517 780518 780522	R	U	X	X	X	Clear plastic face plate (Package of 10)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7	DTR/ITR Handset Cord 12FT (BK) DTR/ITR Handset Cord 12FT (WH)	780530 770512	R	U	X	X	X	12 Foot handset cord.
8	DTR/ITR Handset Cord 25FT (BK) DTR/ITR Handset Cord 25FT (WH)	780535 770522	R	U	X	X	X	25 Foot handset cord.
14.5 DESI LABEL DTERM SERIES i and DTERM IP								
1	DESI Name Label for WINDOWS Software	770431	R	U	X	X	X	Software for printing Desi Labels on Series E (DTP), Series i (DTR) and Dterm IP (ITR) Terminals.
2	DESI Label DTR-1-1 (BK) DESI Label DTR-1-1 (MG) DESI Label DTR-1-1 (MS) DESI Label DTR-1-1 (WH)	780400 780401 780402 780403	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets (4 labels per sheet) for use on the DTR-1-1
3	DESI Label DTR-1HM-1 (BK) DESI Label DTR-1HM-1 (MG) DESI Label DTR-1HM-1 (MS) DESI Label L DTR-1HM-1 (WH)	780404 780405 780406 780407	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets (4 labels per sheet) for use on the DTR-1HM-1
4	DESI Label DTR-2DT (BK) DESI Label DTR-2DT (MG) DESI Label DTR-2DT (MS) DESI Label DTR-2DT (WH) DESI Label DTR-2DT Custom	780408 780409 780410 780411 780461	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets (1 label per sheet) for use on the DTR-2DT TEL
5	DESI Label IT(X)-4D-3 (BK) DESI Label IT(X)-4D-3 (MG) DESI Label IT(X)-4D-3 (MS) DESI Label IT(X)-4D-3 (WH) DESI Label IT(X)-4D-3 Custom	780446 780447 780448 780449 780462	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets (1 label per sheet) for use on the DTR-4D TEL
6	DESI Label DTR-8 (BK) DESI Label DTR-8 (MG) DESI Label DTR-8 (MS) DESI Label DTR-8 (WH) DESI Label DTR-8 Custom	780412 780413 780414 780415 780452	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets (1 label per sheet) for use on the DTR-8 TEL.
7	DESI Label DTR/ITR-8D (BK) DESI Label DTR/ITR-8D (MG) DESI Label DTR/ITR-8D (MS) DESI Label DTR/ITR-8D (WH) DESI Label DTR/ITR-8D Custom	780416 780417 780418 780419 780453	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH). Each contains 25 sheets s (1 label per sheet) for use on the DTR-8D/ ITR-8D Terminals.
8	DESI Label DTR/ITR-16D (BK) DESI Label DTR/ITR-16D (MG) DESI Label DTR/ITR-16D (MS) DESI Label DTR/ITR-16D (WH) DESI Label DTR/ITR-16D Custom	780420 780421 780422 780423 780455	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH) Each contains 25 sheets (1 label per sheet) for use on the DTR-16D / ITR-16D Terminals.
9	DESI Label DTR/ITR-32D (BK) DESI Label DTR/ITR-32D (MG) DESI Label DTR/ITR-32D (MS) DESI Label DTR/ITR-32D (WH) DESI Label DTR/ITR-32D Custom	780424 780425 780426 780427 780457	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH) Each contains 25 sheets (1 label per sheet) for use on the DTR-32D / ITR 32D Terminals.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
10	DESI Label DTR/ITR-16LD (MS) DESI Label DTR/ITR-16LD Custom	780441 780456	R	U	X	X	X	Desi labels for 16LD, Metallic Silver (MS). Desi mounts under plastic on bottom half of terminal over dial pad and fixed keys. Contains 25 sheets (1 label per sheet)
11	DESI Label DCR-60 (BK) DESI Label DCR-60 (MG) DESI Label DCR-60 (MS) DESI Label DCR-60 (WH) DESI Label DCR-60 Custom	780428 780429 780430 780431 780458	R	U	X	X	X	DESI labels available in 4 colors: Black (BK) –Metallic Green (MG) –Metallic Silver (MS) –White (WH) Each contains 25 sheets (1 label per sheet for use on the DCR-60 console
14.6 INASET IP TERMINAL								
1	ITR-240G-1 (BK) The applications can be custom-designed or are provided with the NEC OpenWorX® package.	780013	R	U	X	X	X	INASET 240G - Provides enterprise-class IP terminal, with 3" LCD gray scale display and 16 programmable keys and soft-keys for access to applications, company directories and call logs.
2	ITR-320C-1 (BK) The applications can be created by third parties with the Software Development Kit or provided with the integration to NEC's OpenWorX® package.	780014	R	U	X	X	X	INASET 320C - Provides enterprise-class IP terminal, with 5.1" gray scale display. 32 programmable keys and soft-keys for access to unified communications, company directories, call logs and other telephony-based applications.
3	ITR-320G-1 (BK) The applications can be created by third parties with the Software Development Kit or provided with the integration to NEC's OpenWorX® package.	780018	R	U	X	X	X	INASET 320G - Provides enterprise-class IP terminal, with 5.1" color display. 32 programmable keys and soft-keys for access to unified communications, company directories, call logs and other telephony-based applications.
14.6.1 INASET ADAPTERS/ACCESSORIES								
1	PS(A)-R UNIT	780110	R	U	X	X	X	Back-up PSTN Interface - If IP network crashes unit provides survivability to the desktop. Backup PSTN analog circuit provides incoming/outgoing call capabilities.
2	WM-RI	780123	R	U	X	X	X	WALL MOUNT UNIT
3	AC-2R	780135	R	U	X	X	X	AC ADAPTER
4	AD(A)-2R	780132	R	U	X	X	X	AUDIO RECORDING ADAPTER.
5	MIC-R (BK) KIT	780121	R	U	X	X	X	External Microphone for INASET 240/320
6	IPLA-R	780122	R	U	X	X	X	802.3af Powep Dongle - Provides 802.3af standard for POE. Used with IP-R Unit.
7	INASET Headset Cord 12'	780530	R	U	X	X	X	12 foot black handset cord
8	INASET Headset Cord 25'	780535	R	U	X	X	X	25 foot black handset cord

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
14.7 DTERM SERIES E TERMINALS								
1	DTP-2DT-1 (WH)	770075	R	U	X	X	X	2 Line Non-Display Terminal (WH) - 2 Line Keys and 8 Function keys, built In Speaker Phone, MW Indicator, no LLA. 650 ft with 8DLC
2	DTP-8-1(WH) DTP-8-1(BK)	590010 590011	R	U	X	X	X	8 Button Non-Display Terminal - 8 Line /Feature Keys / Without Display, built In Speaker Phone, MW Indicator, 2 Color LED Built-in LLA (requires ACA-U). 650 ft with 8DLC
3	DTP-8D-1(WH) DTP-8D-1(BK)	590020 590021	R	U	X	X	X	8 Button Display Terminal - 8 Line/Feature Keys, 24 x 3 LCD Display, 2 Color LED built In Speaker Phone, MW Indicator, adjustable LCD with 4 Soft-keys, Built-in LLA (requires ACA-U). 650 ft with 8DLC
4	DTP-16D-1(WH) DTP-16D-1(BK)	590040 590041	R	U	X	X	X	16 Button Display Terminal - 16 Line /Feature Keys, 2 Color LEDs, 24 x 3 Line LCD Display, built In Speaker Phone /MW Indicator, adjustable LCD with 4 Soft-keys, built-in LLA (requires ACA-U). 650 ft with 8DLC
5	DTP-32D-1(WH) DTP-32D-1(BK)	590060 590061	R	U	X	X	X	Series E Digital Terminal - 16 Line/Feature Keys & 16 DSS Keys /2 Color LEDs, 24 x 3 Line LCD Display, built In Speaker Phone, MW Indicator, adjustable LCD with 4 Soft-keys, built-in LLA (requires ACA-U). 650 ft with 8DLC
6	DCU-60-1(BK) Console DCU-60-1(WH) Console	770060 770061	R	U	X	X	X DSS	DSS/BLF /ADD-ON MODULE - 48 Line Keys /12 Feature Keys, Used for either DSS Console or Add- On Module. Max 32 combined per system. Distance: 4000 ft
7	DTP-32DA-1 (WH) DTP-32DA-1 (BK)	590070 590071	R	U	X	X	X	Series E Digital Terminal - 16 Line /Feature Keys & 16 DSS Keys. The difference between the Series E ACD and normal Series E 32-button display sets is the Silk Screening of the keys used for dedicated ACD functions.
14.7.1 DTERM SERIES E ADAPTERS								
1	ADA-U UNIT	770210	R	U	X	X	X	Ancillary Device Adapter - Used for External Recording Devices.
2	APR-U UNIT	770220	R	U	X	X	X	Analog Port Adapter with Ringing - Used to connect external analog devices. Requires ACA-U Unit for local power.
3	APA-U UNIT	770230	R	U	X	X	X	Analog Port Adapter without Ringing - Used for external speakerphones. Requires ACA-U Unit for local power when the connected device is over 50 ft.
4	ACA-U UNIT	770310	R	U	X	X	X	AC Adapter provides local power for APR-U Unit, APA-U Unit, CTA-U Unit, HFU-U Unit, IPW-U Unit and DESKCON

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
5	HFU-U UNIT (WH) HFU-U UNIT (BK)	770200 770201	R	U	X	X	X	Full duplex Speakerphone with external microphone.
6	IPA-U10 UNIT For use with Dterm IP Branch and Gateway only.	750415	R	U	X	X	X	Mounts in base of Dterm Series E Display Terminal. Integrated two-port 10Base T Ethernet hub. One port connects to NIC card of PC. One port connects to LAN or IP network device. Provides the use of LAN cable for both Dterm operation and Ethernet pass through to the PC.
7	IPLA-R	780122	R	U	X	X	X	802.3af Power Dongle - Provides 802.3af standard for POE. Used with IP-R & IPW-2U (P-P) Unit.
8	IPW-2U (P-P) (BK) Requires either ACA-U local power or In-line power support.	750442	R	U	X	X	X	The IPW-2U (P-P) adapter is a full duplex switch. Installed on any NEC LCD Dterm Series E phones when using Peer-to-Peer IP stations.
9	PC TELEPHONY Adapter	0220002	R	U	X	X	X	Computer Interface - Connects a Series E Multi-line Terminal to a PC for TAPI applications. Supports Serial interface.
10	WMU-U UNIT (BK)	770320	R	U	X	X	X	Wall Mount Unit - Required when using terminal adapters attached to phone. If not using terminal adapters built-in wall mount in phone is used.
14.7.2 DTERM SERIES E SPARE PARTS								
1	Handset Replacement (BK) Handset Replacement (WH)	770500 770501	R	U	X	X	X	Replacement Black Handset without Cord
2	Replacement Line Cord (BK) Replacement Line Cord (WH)	770502 770503	R	U	X	X	X	Replacement Black Line Cord 7 Foot
3	Handset Hanger Kit (BK) Handset Hanger Kit (WH)	770504 770505	R	U	X	X	X	Replacement Handset Hanger (25 per package)
4	Handset Cord 12 FT (BK) Handset Cord 12 FT (WH)	770511 770512	R	U	X	X	X	12 Foot Black Handset cord.
5	Handset Cord 25 FT (BK) Handset Cord 25 FT (WH)	770521 770522	R	U	X	X	X	25 Foot Black Handset cord.
6	Directory Card Kit	770626	R	U	X	X	X	Directory Card Kit (Each Kit, 10 plastic and 10 paper card holder units)
14.7.3 DTERM SERIES E DESI LABEL								
1	DESI Label DSS/BLF (MG) DESI Label DSS/BLF (BK) DESI Label DSS/BLF (SW)	770406 770416 770426	R	U	X	X	X	Laser Labels for DSS/BLF – Labels Black, Metallic Green, White (25 Sheets per Pkg.)
2	DESI Name Label 2DT (MG) DESI Name Label 2DT (WH)	770407 770408	R	U	X	X	X	For use on DTP-2DT-1 TEL (2 Line Terminal), Labels - Metallic Green, White (25 Sheets per Package)
3	DESI Name Label 8 (MG)	770409	R	U	X	X	X	For use on DTP-8-1 & DTU-8-1 TEL (8 Button Non-Display Terminal). Labels - Metallic Green (25 Sheets per Pkg.)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
4	DESI Name Label 8D (BK) DESI Name Label 8D (MG) DESI Name Label 8D (WH)	770417 770418 770419	R	U	X	X	X	For use on DTP-8D-1 TEL (8 Line Display Terminal), Labels – Black, Metallic Green, White, (25 Sheets per Package)
5	DESI Name Label 16 (MG)	770427	R	U	X	X	X	For use on DTU-16-1 TEL (16 Button Non-Display Terminal), Labels - Metallic Green (25 Sheets per Package)
6	DESI Name Label 16D (BK) DESI Name Label 16D (MG) DESI Name Label 16D (WH)	770428 770429 770438	R	U	X	X	X	For use with DTP-16D-1 & DTU-16D-1 TEL (16 Button Display Terminal), Labels – Black, Metallic Green, White (25 Sheets per Package)
7	DESI Name Label 32 (MG)	770442	R	U	X	X	X	For use on DTU-32-1 TEL (32 Button Non-Display Terminal), Labels - Metallic Green (25 Sheets per Package)
8	DESI Name Label 32D (BK) DESI Name Label 32D (MG) DESI Name Label 32D (WH)	770439 770440 770441	R	U	X	X	X	For use with DTP-32D-1 & DTU-32D-1 TEL (32 Button Display Terminal), Labels – Black, Metallic Green, White (25 Sheets per Package)
9	DESI Name Label for WINDOWS Software	770431	R	U	X	X	X	Software for printing Desi Labels on Series E (DTP), Series i (DTR) and Dterm IP (ITR) Terminals.
14.8 DTERM CORDLESS								
14.8.1 DTERM ANALOG HEADSET CORDLESS								
1	DTERM Analog Headset Cordless	730090	R	U	X	X	X	Plantronics CT Analog Headset Cordless Terminal- Includes base unit, handset, belt clip, headset, user guide and AC adapter. 2.4 GHz frequency.
14.8.2 DTERM CORDLESS II								
1	DTR 4R-2 (BK) (Cordless)	730088	R	U	X	X	X	Dterm Cordless II Terminal - Includes base unit, handset (with standard battery 6 hours talk time or 4 days standby), charging stand, belt clip, wall mount unit, user guide and 2 AC adapters. Fully digital and operates in the 900MHz frequency.
2	AC Adapter for Base EXP9704 AC for BASE	730618	R	U	X	X	X	Replacement AC adapter for base unit. Provides 10vdc to the Dterm Cordless II. Requires 120v AC, 60MHz (14w) input.
3	AC Adapter for Charger AD970 AC for CHARGER	730619	R	U	X	X	X	Replacement AC adapter for charging unit. Provides 9vdc to the charging unit. Requires 120v AC, 60MHz (14w) input.
4	Wall Mount Unit EXP9660 WALL MOUNT PLATE	730608	R	U	X	X	X	Replacement wall mount unit.
5	Belt Clip EXP9702 BELT CLIP	730620	R	U	X	X	X	Replacement spring-type belt clip.
6	AC Charger Unit EXP9785 CHARGER UNIT	730621	R	U	X	X	X	Replacement charger unit w/o AC adapter.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7	Battery BT2499 REPLACEMENT BATTERY	730622	R	U	X	X	X	Replacement battery, 6 hours talk time or 4 hours standby.
8	Carry Case EXP9783 CORDLESS II LEATHER CASE	730626	R	U	X	X	X	Leather case for DTR-4R-2188 (BK) handset.
14.8.3 DTERM CORDLESS LITE II								
1	DTH-4R-2 (BK) Cordless Lite II	730087	R	U	X	X	X	The Dterm Cordless Lite II containing a 16 x 2 line LCD, dial pad, TALK key, HOLD key, Transfer key, Conference key, Mute key, and 4 programmable function keys. Includes Base Unit, Handset, telephone cord, Battery Charger, 2 AC Adapters (10 VDC for Base, 9 VDC for Charger), 2 Rechargeable Batteries (5 hrs of Talk Time, 40 hrs of Standby), Spring Belt Clip, Wall Mounting Plate, and User Guide.
2	EXP9603 Spring Type Belt Clip	730607	R	U	X	X	X	This is a Spring- Type Belt Clip used to clip handset to clothes or belt.
3	EXP9660 Wall Mount Plate	730608	R	U	X	X	X	Wall Mount Unit is used to mount the Dterm Cordless Terminal on the wall.
4	EXP9683 Leather Carry Case	730609	R	U	X	X	X	Leather case for the DTH-4R-2(BK) handset.
5	EXP9685 Charger w/AC Adapter	730610	R	U	X	X	X	This item consists of a Charging Cradle and AC Adapter. It is used to charge the batteries used with the Dterm Cordless Lite Terminal.
6	AD9500C AC Adapter for Base w/GRN Pin	730611	R	U	X	X	X	This adapter provides 10 Vdc to the Dterm Cordless Lite Terminal Unit. It requires 120V, 60 Hz (14W) AC input from standard AC plug.
7	AD9600 AC Adapter	730613	R	U	X	X	X	This adapter provides 9 Vdc to the Dterm Cordless Lite Charging Unit. Requires 120V, 60 Hz (14W) AC input from standard AC plug.
14.9 DTERM WIRELESS PS								
14.9.1 DTERM PS III (and accessories)								
1	DTERM PS III Handset	0231004	R	U	X	X	X	Handset and strap, without battery and charger.
2	DTERM PSIII Standard Case	0230036	R	U	X	X	X	Leather case with detachable locking swivel quick release belt clip.
3	DTERM PSIII Leather Case PSIII HANDSET CASE W/HARD CLIP	0230041	R	U	X	X	X	Leather case with integrated non-detachable belt clip.
4	DTERM PSIII Battery	0231005	R	U	X	X	X	Battery for PSIII.
5	DTERM PSIII Charger	0231011	R	U	X	X	X	Charger base with AC adapter – Charger base input/output 7v DC 250mA. AC adapter input 120v AC (5W) 60Hz.

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
6	DTERM PS III External Battery Charger 6-Slot	0231007	R	U	X	X	X	External 6-slot battery charger for the PS III.
7	DTERM PS III External Battery Charger AC Adapter	0231010	R	U	X	X	X	External battery charger AC adapter for the PS III.
8	DTERM PSIII Necklace DTERM PSII 46 ADJ NECKLACE (5 PKG)	0230034	R	U	X	X	X	Necklace worn around the neck and connects to PSIII in place of hand strap.
9	DTERM PSIII Headset NG-049193 HEAD SET-A	0230063	R	U	X	X	X	Hands free headband plugs directly into 2.5mm headset jack on PSIII.
10	DTERM PSIII Ear Piece NG-049189 EAR PIECE-A	0230065	R	U	X	X	X	Hands free earpiece plugs directly into 2.5mm headset jack on PSIII.
11	DTERM PSIII Modem Cable NG-049338 DTERM PSIII MODEM CABLE	0230066	R	U	X	X	X	Modem Cable - Connects PSIII to a modem.
12	DTERM PSIII Interface Cable	0230070	R	U	X	X	X	Interface Cable - Connects PSIII to PC for use with Personal & Group Assistant Software.
13	DTERM PSIII Group Assistant	0233002	R	U	X	X	X	Group Assistant Software - Allows programming and back up of directory and Speed Dial numbers for multiple PS's.
14	DTERM PSIII Personal Assistant	0233004	R	U	X	X	X	Personal Assistant Software - Allows programming and back up of directory and Speed Dial numbers for a single PS.
14.9.2 ZONE TRANCIEVERS (ZT)								
1	AC Adapter DC11524	0230067	R	U	X	X	X	AC ADAPTER - Provides Distance Extension and/or local power for Zone Transceiver II-U.
2	Zone Transceiver II-U	0230074	-	U	X	X	X	U Interface Zone Transceiver – Connects to 4CSIA-A. PZ-PW122 is required. Available from 3200 Series R6.1 or higher
3	ZTII Outdoor Box (Standard)	0230083	R	U	X	X	X	Outdoor Box Houses- Empty weatherproof box.
4	ZTII Outdoor Box with Heater	0230084	R	U	X	X	X	Outdoor Box-Weather proof box with Heater.
5	ZTII Outdoor Box with Fan	0230085	R	U	X	X	X	Outdoor Box-Weather proof box with fan
6	Outdoor Box Wall Mounting Kit	0230086	R	U	X	X	X	Outdoor Box Wall Mounting Kit
7	Outdoor Box Pole	0230087	R	U	X	X	X	Outdoor Box Pole Mounting Kit

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
14.10 DTERM IP SOFT-PHONE								
14.10.1 DTERM SP30 SOFTWARE AND LICENSES								
1	DTERM SP30 Phase 2 Software CD	0221765	R	U	X	X	X	Application CD. One CD can be used for multiple client installations. Recommend 1 CD per 4 clients.
2	SP30 - 4 Seat License	150497	R	U	X	X	X	4 seat Dterm SP30 license. Incremental one seat used for each Soft-Phone client. Requires an available 8 Seat License. Available with 3300 Series or higher Software.
3	SP30 – 4 ACD Seat License	150596	R	U	X	X	X	4 ACD seat Dterm SP30 license. Incremental one seat used for each Soft-Phone ACD client. Requires an available 8 Seat License. Available with 3500 Series R10 Software.
4	8 Seat License	150641	R	U	X	X	X	Required for eight or less Dterm IP Terminals and IP Soft-Phones. Incremental eight Seat License
14.10.2 DTERM SP30 ACCESSORIES								
1	NEC USB Headset (DSP400)	750640	R	U	X	X	X	Collapsible USB headset to be used as the audio input and output device for the Dterm SP30.
15. DTERM ASSISTANT								
1	DTERM Assistant (IPS)	0221387	R	U	X	X	X	Dterm Assistant – Web Based administration of IP stations. Note: Dterm Assistant cannot reside on the same PC as MATWorX Studio. However, Dterm Assistant can reside on the same PC as MATWorX IPS.
16. MATWORX IPS								
1	MATWorX IPS	0221400	R	U	X	X	X	Administration - MATWorX IPS can coexist on the same PC as MATWorX Studio.
17. MA4000 MANAGEMENT SOFTWARE CD								
1	MA4000 Management Software	390911	R	U	X	X	-	Includes all MA4000 Programs, System Manager, and a USB Key
2	MA4000 MSDE DB Option	390914	R	U	X	X	-	Enables MA4000 to work with MSDE Database. Simultaneous client-browser access is limited to five.
3	MA4000 IPS Manager Option	390921	R	U	X	X	-	One required when managing IPS Voice Servers
4	MA4000 IPS Ext. License	390922	R	U	X	X	-	One license is required for each IPS extension to be managed
5	MA4000 IPS Assistant License	390927	R	U	X	X	-	One license is required for each IPS extension using the Desktop interface
6	MA4000 LDAP APS Option	390930	R	U	X	X	-	Enables the MA4000 LDAP Auto Provisioning Service (LAPS)

ITEM	DESCRIPTION	PART NO	X = Available R=Available w/Retrofit U=Available w/Upgraded IVS2					REMARKS
			Retro	UPG	IPS	DML	DMR	
7	MA4000 LAPS Ext. License	390931	R	U	X	X	-	One license is required for each extension being managed or added by auto provisioning. Sum all extensions being managed. Available for IPS with MA4000 Revision 3.
18. TECHNICAL DOCUMENTATION								
1	UNIVERGE NEAX 2000 IPS Documentation (CD)	150538	R	U	X	X	X	UNIVERGE NEAX 2000 IPS Technical Documentation CD NOTE: NEAX 2000 IPS Technical Documentation is available in soft-copy via this CD or through NTAC On-Line. You have the option for a copy of this CD to ship with each NEAX 2000 IPS system and Upgrade Kit via MQ.
19. USER GUIDES								
1	Dterm Series i / Dterm IP U.G.	188346	R	U	X	X	X	10 per package
2	Dterm Series E Supervisor Console	188171	R	U	X	X	X	10 per package
3	Dterm Series E Agent Console	188172	R	U	X	X	X	10 per package
20. SALES COLLATERAL								
1	NEAX 2000 IPS Brochure	188265	-	-	X	-	-	25 per package
2	NEAX IPS-DMR Brochure	188321	-	-	-	-	X	25 per package
3	DTERM IP Handset Brochure	188241	R	U	X	X	X	25 per package
4	INASET Phone Brochure	188283	R	U	X	X	X	25 per package
5	DTERM SP30 Data Sheet	188329	R	U	X	X	X	25 per package
6	WIRELESS Data Sheet- General Business	188192	R	U	X	X	X	25 per package

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22. DOCUMENT REVISION HISTORY

Issue 10 (July 05)	<ul style="list-style-type: none">○ Updated to UNIVERGE System Packages and hardware.
Issue 11 (December 05)	<ul style="list-style-type: none">○ Updated for 3600 Series R11 Software
Issue 12 (February 06)	<ul style="list-style-type: none">○ Updated for 3700 Series R12.1 Software
Issue 13 (July 06)	<ul style="list-style-type: none">○ Updated for 3700 Series R12.2 Software
Issue 14 (November 06)	<ul style="list-style-type: none">○ Updated for 3800 Series R13 Software
Issue 15 (June 07)	<ul style="list-style-type: none">○ Updated for 3900 Series R14 Software



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