

HAL COMMUNICATIONS CORP.
Parts Numbering Standard
870-99030 REV: A
03/06/91

FORMAT: 8 Digits: first three = group identifier
last five = specific part number

Example:

1xx = Capacitors
110 = Ceramic disc capacitor

Optional dash (clarity of printout)
110 - 10225
Voltage Code: 25 = 25V
Capacitance in pF: 102 = 10

Purpose: Set-up a standard HAL part number for each component
Publish a catalog of standard HAL parts
Organize inventory storage area
Computer list inventory
Generate HAL part numbers that are easily recognized
HAL part numbers are related to "generic" numbers

Standard Classifications:

000 - xxxxy MECHANICAL PARTS
"xxxxxy" relates to "Bxxxxxy" HAL drawing
Ex: 000-13470 = B1347B Drawing
xxxx = (B)1347 = ST-8000 Right Side Panel
y = 0 = NOT Revision (03/06/91 change)
"xxxxxy" may also relate to vendor's P/N
Ex: 000-99013 = B-13B AEG CRT Socket

050 - xxxxy CIRCUIT BOARDS
"xxxxxy" relates to "Dxxxxxy" HAL drawing
Ex: 050-12360 = D1236A Circuit Board Layout
xxxx = (D)1236 = SPT-2 Filter Circuit Board
y = 0 = NOT Revision (03/06/91 change)

1xx - xxxxx CAPACITORS

- 110 - xxxxx Disc Ceramic Capacitors
"xxxxx" translated as per above example.
- 111 - xxxxx CK05/CK06 Ceramic Capacitors
"xxxxx" related to MIL CK number
Ex: 111-10210 = CK05BX102K
= 0.001 uF, 200V
111-56310 = CK06BX563K
= 0.056 uF, 100V
- 112 - xxxxx Variable Capacitors
"xxxxx" related to maximum capacitance
Ex: 112-11000 = 2.5 - 11 pF trim cap
- 115 - xxxxx SIP Capacitors
"xxxxx" related to mfg P/N
Ex: 115-10208 = 0.001 uF x 8 SIP Capacitor
- 123 - xxxxx Silver Mica Capacitors, 5%
"xxxxx" related to capacitance and voltage
Ex: 123-68105 = 680 pF, 5%, 500V
- 130 - xxxxx Mylar (Orange Drop) Capacitors
"xxxxx" related to capacitance & voltage
Ex: 130-10301 = 0.01 uF, 100V, Orange Drop
- 135 - xxxxx Polystyrene Capacitors
"xxxxx" related to capacitance & tolerance
Ex: 135-27201 = 2700 pF, 2% polystyrene
- 138 - xxxxx Polycarbonate Capacitors
"xxxxx" related to capacitance & voltage
Ex: 138-68201 = 0.068 uF, 100V poly carb
- 150 - xxxxx Electrolytic Capacitors
- 151 - xxxxx Polarized, Axial Electrolytic (Horiz Mtg)
"xxxxx" related to capacitance & voltage
Ex: 151-10225 = 1000 uF, 25V, Axial Elect.
- 152 - xxxxx Polarized, Radial Electrolytic (Vert Mtg)
"xxxxx" related to capacitance & voltage

Ex: 152-10116 = 100 Uf, 16V, Radial Elect.

155 - xxxxx Non-polarized Electrolytic (all mountings)
Not presently used

160 - xxxxx Tantalum Capacitors
"xxxxx" related to capacitance & voltage
Ex: 160-01035 = 1.0 uF, 35V Tant.

165 - xxxxx Metal Oxide Varistors
"xxxxx" related to Mfg P/N
Ex: 165-22020 = V22ZA2 MOV (Harris/GE)

200 - xxxxx CRYSTALS
"xxxxx" related to Crystal Frequency
Ex: 200-05000 = 5,000 kHz Crystal
Ex: 200-18432 = 18,432 kHz Crystal

202 - xxxxx Crystal Sockets
"xxxxx" related to Mfg P/N
Ex: 202-00605 = HC6/U Crystal Socket

210 - xxxxx Crystal Oscillators
"xxxxx" related to frequency
Ex: 210-06144 = 6.144 MHz Crystal Oscillator

300 - xxxxx CONNECTORS
Last digit indicates sex:
xxxx0 = Male (pin/plug)
xxxx1 = Female (socket)

310 - xxxxx Miscellaneous "Simple" Connectors
"xxxxx" related to Mfg P/N
Ex: 310-35020 = Switchcraft 3502 Phono Plug
310-10941 = Amphenol UG1094 BNC Jack

320 - xxxxx "Small" Molex Connector
"xxxxx" related to Mfg P/N
Ex: 320-60310 = Molex 306-1031 3 pin Plug

- 321 - xxxxx "Small" AMP Connector
"xxxxx" related to Mfg P/N
Ex: 321-04001 = Amp 4 pin socket shell
- 322 - xxxxx "Standard" Molex Pins
"xxxxx" related to Mfg P/N
Ex: 322-91136 = Molex 209-1136 Female pin on reel
- 323 - xxxxx "Standard" Molex Shells
"xxxxx" related to Mfg P/N
Ex: 323-91061 = Molex 309-1061 6 pin Male Shell
- 325 - xxxxx PC-Mounting Phono Connectors
"xxxxx" related to Mfg P/N
Ex: 325-02405 = 1524-0501 PC Mtg Phono Jack
- 326 - xxxxx Insulation Displacement Connectors - Plug, 0.1"
"xxxxx" related to number of pins
Ex: 326-06000 = 6 pin plug, 0.1" spacing
- 327 - xxxxx IDC Headers - 0.1" Pin Spacing
"xxxx" related to number of pins
last digit: 0 = straight
 1 = right angle
Ex: 327-04000 = 4 pin, 0.1" Spaced, Straight
 327-04001 = 4 pin, 0.1" Spaced, Right Angle
- 328 - xxxxx Wiping Pins
"xxxxx" related to ?
Ex: 328-05001 = 0850-0106 Wiping Pin
- 329 - xxxxx IDC Plug - 0.156" Spacing
"xxxx" related to number of pins
Last digit = wire size: 0 = 18GA
 1 = 22GA
Ex: 329-03000 = 3 pin, .156 Spaced, #18 Wire
 329-03001 = 3 pin, .156 Spaced, #22 Wire
- 330 - xxxxx IDC Headers - 0.156" Pin Spacing
"xxxx" related to number of pins
last digit: 0 = straight

1 = right angle

Ex: 330-04000 = 4 pin, 0.156 Spaced, Straight
330-04001 = 4 pin, 0.156 Spaced, Right Angle

331 - xxxxx Circuit Board Edge Connectors
"xxxxx" related to number of contacts & style
Ex: 331-01201 = 12 pin edge connector

332 - xxxxx Header Blocks and Plugs (0.1" spacing)
"xxxxx" relates to number of pins & type
Ex: 332-03000 = 1x3 header block (pins)
332-02010 = 2 pin Shorting Plug

333 - xxxxx DB-25, DE-9, & Miscellaneous
"xxxxx" related to Mfg P/N
Ex: 333-10250 = DB-25 Socket (TRW)
333-16003 = F1600CA03 AC Filter
333-17250 = Non-captive AC Power Cord
333-17252 = Non-captive AC Power Conn (IEC)

340 - xxxxx IC Sockets
"xxxx" related to number of pins
Last digit = style: 0 = commercial, side-wipe
1 = MIL-style Machined Cont
Ex: 340-01401 = 14 Pin, side-wipe contact
340-01402 = 14 Pin, machined contact

350 - xxxxx Programmable DIP Shunt Plugs
"xxxxx" related to Mfg P/N
Ex: 345-01324 = 4 position Prog. DIP Shunt

352 - xxxxx DIP Patch Cables
"xxxxx" related to length and type
Ex: 352-00902 = 9" Long, 16-wire DIP Patch Cable

355 - xxxxx Swage Terminal, Test Points, Phono Cables
"xxxxx" related to Mfg P/N
Ex: 355-00010 = Swage Terminal
355-10400 = Black PC Test Point
355-13272 = Stereo Phono Cable (6')

360 - xxxxx Barrier & Terminal Strips

"xxxxx" related to No. of pins or Mfg P/N

Ex: 360-00600 = 6 terminal Barrier Strip

360-05406 = 54A 6 lug solder terminal

390 - xxxxx MIL-style Connectors

"xxxxx" related to MS number

Ex: 390-12980 = MS27499E12F98P

400 - xxxxx HARDWARE (Revised 12/21/90)

Accepted abbreviations shown as (XX).

410 - aabbc Screw, Steel, CAD-2 Plating (GOLD)

aa = body & thread: 04=4-40, 06=6-32, 10=10-32

bb = length in 16ths": 05 = 5/16" long

c = head style:

0 = Round-head, Slotted (RH SLT)

1 = Round-head, Phillips (RH PHL)

2 = Flat-head, Slotted (FH SLT)

3 = Flat-head, Phillips (FH PHL)

4 = Binder-head, Slotted (BH SLT)

5 = Binder-head, Phillips (BH PHL)

6 = Pan-head, Slotted (PH SLT)

7 = Pan-head, Phillips (PH PHL)

8 = Special, Std. Thread (head drive)

9 = Self-Threading (SM drive)

("Sheet-Metal" Screw)

411 - aabbc Screw, Steel, Standard CAD Plating, Silver (SLVR)

"aabbc" as in 410-aabbc.

412 - aabbc Screw, Steel, BLACK Finish (BLK)

"aabbc" as in 410-aabbc.

413 - aabbc Screw, Stainless Steel (SS)

"aabbc" as in 410-aabbc.

414 - aabbc Screw, Insulating (INS)

"aabbc" as in 410-aabbc.

415 - aadee Nut, Steel, CAD-2 Plating (GOLD)

aa = body style: as for screws

d = 0

ee = style:

0 = standard hex nut (HEX NUT)

1 = hex nut with integral lockwasher
("KEP" nut) (HEX KEP NUT)

2 = Thumb-nut (THUMB NUT)

3 = Tinnerman Clip (TINNERMAN)

4 = Special (unique description)

416 - aadee Nut, Steel, Standard CAD Plating, Silver (SLVR)

"aadee" as in 415-aadee.

417 - aadee Nut, Steel, BLACK Finish (BLK)

"aadee" as in 415-aadee.

418 - aadee Nut, Stainless Steel (SS)

"aadee" as in 415-aadee.

419 - aadee Nut, Insulating (INS)

"aadee" as in 415-aadee.

420 - aafgg Washers, Steel, CAD-2 Plating (GOLD)

aa = screw size clearance: as for screws

f = type:

0 = flatwasher (FW)

1 = internal star lockwasher (INT LW)

2 = external star lockwasher (EXT LW)

3 = split lockwasher (SPL LW)

4 = shoulder washer (SH WASH)

gg = thickness: 00 = "standard" & lockwashers

xx = non-standard thickness in

.01" increments

421 - aafgg Washer, Steel, Standard CAD Plating, Silver (SLVR)

"aafgg" as in 420-aafgg.

422 - aafgg Washer, Steel, BLACK Finish (BLK)

"aafgg" as in 420-aafgg.

423 - aafgg Washer, Stainless Steel (SS)
"aafgg" as in 420-aafgg.

424 - aafgg Washer, Insulating (INS)
"aafgg" as in 420-aafgg.

425 - aahhi Spacers
aa = screw size as above: (00 = no thread)
hh = length in 16th inch increments
i = type:
0 = No thread (NTHD)
1 = Threaded (thread)
2 = Male-Female (M-F) Thread (M-F)
3 = Insulating (INS)
4 = Hinged (HINGE)
Ex: 425-04051 = 4-40 x 5/16" Threaded Spacer
425-06063 = 6-32 x 3/8" M-F Spacer
425-06144 = 6-32 x 7/8" Hinged Spacer

430 - xxxxx Metal Angle Brackets
"xxxxx" related to Mfg P/N
Ex: 430-00248 = Small Angle Bracket #248

440 - xxxxx Batteries and Plastic Parts
"xxxxx" related to Mfg P/N
Ex: 440-00114 = AAA Battery
440-00600 = Card Guide # -600
440-00330 = CK05 Capacitor Spacer

450 - aaxxx Solder Lugs
aa = screw size clearance; as for screws
xxx = 000 or as required

460 - xxxxx Miscellaneous Hardware

500 - xxxxx RESISTORS

510 - aaabc 1/4 Watt, 5% Film Resistors
aaa = resistance value

b = resistance multiplier (no. of zeros)

c = 9 for R < 10 ohms

0 for R > 10 ohms

Ex: 510-00109 = 1.0 ohm, 1/4W, 5% Film Res

510-18040 = 1.8 Meg, 1/4W, 5% Film Res

511 - aaabc 1/4W, 5%, RCR/M MIL-rated Carbon Resistors

"aaabc" as above

Ex: 511-22020 = 22K, 5%, 1/4W, RCR/M

515 - aaabc 1/8W, 1% RN MIL Film Resistors

"aaabc" as above

Ex: 515-68120 = 68.1K, 1%, 1/8W, RN

520 - aaabc 1/2W, 5%, RN Film Resistors

"aaabc" as above

Ex: 520-24030 = 240K, 5%, 1/2W, RN

521 - aaabc 1/2W, 5%, RCR MIL Carbon Resistors

"aaabc" as above

Ex: 521-33000 = 330 ohm, 5%, 1/2W, RCR

525 - aaabd DIP & SIP Packaged Resistors

"aaab" as above

d = style

Ex: 525-47101 = 470 Ohm, DIP Resistor

530 - aaabc 1 Watt, RCR MIL Carbon Resistors

"aaabc" as above

Ex: 530-22030 = 220K, 5%, 1W, RCR

540 - aaabc 2 Watt, RCR MIL Carbon Resistors

"aaabc" as above

Ex: 540-75010 = 7.5K, 5%, 2W, RCR

550 - aaabe Power Resistors

"aaab" as above

e = power rating

Ex: 550-27530 = 2.75K, 20W Power Resistor

551 - aaabe Power Resistors, Metal Clad Heat Sink
"aaab" as above
e = power rating
Ex: 551-40010 = 4.0K, 25W, Heat Sink Res.

560 - xxxxx Trimming Potentiometers

560 - 0aab0 Vertical Mounting Open Trim Pot
aab = resistor value
Ex: 560-01020 = 1K Vertical Trim Pot

562 - 0aab0 RJR50/M MIL-rated Horiz. Mtg Trim Pot
aab as above
Ex: 562-05020 = 5K, Horiz Trim Pot, RJR50/M

563 - 0aab0 Horizontal Mounting Square Trim Pot
aab as above
Ex: 563-02540 = 250K, Sq Horiz Trim Pot

564 - 0aab0 Vertical Mounting Square Trim Pot
aab as above
Ex: 564-01040 = 10K, Sq Vert Trim Pot

565 - 0aab0 Multi-turn PCB Horiz. Mtg Trim Pot
aab as above
Ex: 565-02530 = 25K, 20 Turn Horiz Trim Pot

570 - 0aab0 Panel Mounting Potentiometer
aab as above
Ex: 570-05020 = 5K Panel Mounting Pot

575 - 00016 Digital Potentiometer, SP-16

575 - 0aab0 Subminiature Panel Potentiometers
aab as above
Ex: 575-01030 = 10K Submin Panel Mtg Pot

600 - xxxxx SEMICONDUCTORS
"xxxxx" is related to generic device P/N

- 610 - xxxxx Germanium Small Signal Diodes
Ex: 610-01270 = 1N270 Diode
- 612 - xxxxx Rectifier Packages
Ex: 612-01005 = 100PIV, 5A Bridge Rectifier
- 613 - xxxxx LED Indicators
Ex: 613-04830 = HDSP-4830 LED Bar Graph
- 614 - xxxxx LED Displays
Ex: 614-07613 = 5082-7613 7-Segment LED Display
- 615 - xxxxx Silicon Diodes and Rectifiers
Ex: 615-04148 = 1N4148 Small Signal Diode
615-04005 = 1N4005 Rectifier
- 616 - xxxxx MIL-rated (JAN) Silicon Diodes & Rectifiers
Ex: 616-04148 = 1N4148-1JTX Signal Diode
- 618 - xxxxx Zener Diodes
Ex: 618-04735 = 1N4735 Zener Diode
- 619 - xxxxx MIL-rated (JAN) Zener Diodes
Ex: 619-00751 = 1N751A1JTX Zener Diode
- 620 - xxxxx Transistors, Metal Package
Ex: 620-00697 = 2N697 NPN Transistor
- 621 - xxxxx Transistors, Plastic Package
Ex: 621-00340 = MJE340 Transistor
- 622 - xxxxx MIL-rated (JAN) Transistors
Ex: 622-03439 = 2N3439JTX Transistor
- 630 - xxxxx Linear Integrated Circuits
Ex: 630-04741 = MC4741 Quad OP-AMP
- 631 - xxxxx MIL-rated (883B) Linear Integrated Circuits
Ex: 631-01558 = LM1558J/883 Dual OP-AMP
- 635 - xxxxx Voltage Regulator Integrated Circuits

- Ex: 635-00323 = LM123K Voltage Regulator
- 636 - xxxxx MIL-rated (883B) Voltage Regulator
Ex: 636-00123 = LM123STEEL/883 Regulator
- 640 - xxxxx Standard TTL Integrated Circuits (74xx)
Ex: 640-07400 = 7400 4x2 NAND Gates
- 641 - xxxxx MIL-rated (883B) TTL IC's (54xx)
Ex: 641-05407 = 5407J/883 6x Buffer
- 642 - xxxxx Schotkey TTL Integrated Circuits (74Sxx)
Ex: 642-74163 = 74S163 Div by 16 Counter
- 643 - xxxxx Low-Power Schotkey TTL IC's (74LSxx)
Ex: 643-74138 = 74LS138 3-8 Decoder
- 644 - xxxxx CMOS TTL Equivalent IC's (74HCxx)
Ex: 644-07474 = 74HC7474 Dual Flip-Flop
- 645 - xxxxx High-Speed CMOS TTL Equiv. IC's (74HCTxx)
Ex: 645-74240 = 74HCT240 Buffer
- 646 - xxxxx MIL-rated High-Speed CMOS TTL Equiv (54HCTxx)
Ex: 646-54374 = 54HCT374J/883 8x D Flip-flop
- 647 - xxxxx Bi-polar, Programmable TTL ROM IC's
Ex: 647-28701 = 74S287, V0.1 VDB Firmware
- 648 - xxxxx Mil-rated (883B) Low-Power Schotkey TTL (54LSxx)
Ex: 648-07474 = 54LS74J/883 Dual Flip-Flop
- 650 - xxxxx CMOS Integrated Circuits (4000 series)
Ex: 650-04051 = CD4051 CMOS 1x8 Switch
- 651 - xxxxx MIL-rated (883B) CMOS IC's (4000 series)
Ex: 651-04051 = CD4051BMJ/883B CMOS 1x8 Switch
- 660 - xxxxx NMOS Decoder & Character Generator ROM IC's
Ex: 650-08136 = DM8136 Address Decoder

670 - xxxxx Memory Integrated Circuits unprogrammed parts
Ex: 670-02764 = 2764 EPROM

675 - xxxxx Memory Integrated Circuits - programmed
Ex: "xxxxx" = Product-related firmware spec.
675-80510 = A1U36 EPROM for ST-8000A, V1.0
675-80611 = A2U4 EPROM for ST-8000A, V1.1
675-80719 = ST-8000A Test ROM #1, V1.9

680 - xxxxx Microprocessor & Support Integrated Circuits
Ex: 680-00080 = Z80A Microprocessor IC
680-08254 = P8254 3x Interval Timer

681 - xxxxx Microprocessor & Support IC's - PLCC Package
Ex: 681-08404 = Z80A PLCC Microprocessor

700 - xxxxx SWITCHES
"xxxxx" related to Mfg P/N

710 - xxxxx Toggle & Power Switches
Ex: 710-00106 = SPDT Mini-toggle, Center-Off
710-01211 = SPST Heavy Duty Toggle Switch

715 - xxxxx Rotary Switches
Ex: 715-00110 = 1P10T Miniature Rotary Switch
715-06030 = 6P3T Rotary Switch

720 - xxxxx Push-Button Switches
Ex: 720-06001 = ST6000 6 Pos Input Switch

721 - xxxxx Plastic Caps for PB Switches
Ex: 721-00001 = Black PB Cap

723 - xxxxx Membrane Keyswitches
Ex: 723-01183 = Right Keypad for HFCS-1000
723-08001 = Keypad for ST-8000A (27x)

725 - xxxxx DIP Circuit Board Switches

Ex: 725-07608 = 8 Pos DIP Switch (8 x SPST)

730 - xxxxx Keyboard Switches

Ex: Not presently used

732 - xxxxx Keyboard Switch Keytops

Ex: Not presently used

732 - xxxxx Keyboard Switch Accessories

Ex: Not presently used

750 - xxxxx Relays, Large

Ex: 750-02422 = DPDT Open Frame, 24V Relay

751 - xxxxx Relays, Circuit Board Mounting

Ex: 751-01911 = SPST, 5V, DIP Relay

770 - xxxxx Fuse Holders and Fuses

Ex: 770-00001 = Chassis Mtg Fuse Holder (3AG)

770-05001 = 1/2 Amp Slo-Blo 3AG Fuse

800 - xxxxx TRANSFORMERS, POWER SUPPLIES, INDUCTORS

thru "xxxxx" related to HAL DWG No. or Mfg P/N

820 - xxxxx

800 - xxxxx Power Transformers

Ex: 800-17500 = HAL A1750 LP1210 Pwr Transformer

801 - xxxxx Audio Transformers

Ex: 801-60060 = 600:600 Audio Transformer

810 - xxxxx Power Supplies

Ex: 810-00060 = 60 Watt HFCS-1000 Power Supply

820 - xxxxx Inductors and Cores

Ex: 820-08800 = 88 mHy toroid coil

820-43103 = 1.0 mHy choke inductor

830 - xxxxx Special Wire and Cable

"xxxxx" related to wire size or Mfg P/N

Ex: 830-01802 = 18 Ga, Red Hook-up Wire

830-08439 = Belden 8439 4-cond Shielded Cbl

832-22700 = BLK, #22 BND Wire

832-22854 = GRN/BLK, #22 BND Wire

831 - xxxxx Heat-Shrink Tubing

"xxxx" related to size

"y" = color (0 = black, 9 = clear)

Ex: 831-18750 = 3/16 Inch Heat Shrink (BLK)

832 - xxxxx UL-1015 Insulated Wire

EX: 832-18700 = BLK, #18 BND UL1013 Wire

832-22760 = BLU, #22 BND UL1013 Wire

832-22809 = BLK/WH, #22 BND UL1013 Wire

850 - xxxxx MISCELLANEOUS DEVICES

"xxxxx" related to Mfgr P/N

Ex: 850-00100 = 24V Incandescent Lamp & Clip

850-10001 = Modutec 0-1 Ma Meter

850-18003 = ALCO KN700BA, 0.75" Knob

850-25024 = 2.25" 8 ohm Speaker

850-88420 = Ribbon for Okidata 182 Printer

851 - xxxxx PRINTERS

"xxxxx" related to Mfgr P/N

Ex: 851-88021 = Okidata 182 Printer

852 - xxxxx Personal Computer Storage Devices

"xxxxx" related to Mfgr P/N

Ex: 852-00225 = Seagate ST-225 20MB Hard Disk

852-00720 = 3.5", 720KB, Disk Drive

855 - xxxxx Personal Computer Accessory Cards & Devices

"xxxxx" related to Mfgr P/N

Ex: 855-00232 = RS232 Serial I/O Card

855-00732 = AMDEK 732 VGA Monitor

860 - xxxxx Base Personal Computers

"xxxxx" related to Mfgr P/N

Ex: 860-00040 = DTK Keen 2503 25 MHz 386 PC

865 - xxxxx Software for Personal Computers

"xxxxx" related to Mfgr P/N

Ex: 865-03000 = PCI-3000/PC-AMTOR Software

870 - xxxxx HAL Equipment Manuals

"xxxxx" related to HAL Model Number

Ex: 870-08000 = ST-8000 Operator's Manual

870-08001 = ST-8000 Technical Manual

875 - xxxxx Equipment and Wire Labels

Ex: 875-00001 = HAL Serial & Model No. Label

875-00002 = ESD Warning Label

875-85501 = "W1P1" Cable Label

880 - xxxxx Product-Specific Computer Software
EX: 880-80510 = Programs to make 675-80510 EPROM
880-30116 = PCI-3000 ROM Program, V1.6
880-30117 = PC-AMTOR Program, V1.7

885 - xxxxx Software Required to Generate 880-xxxx Programs

890 - xxxxx RESERVED

895 - axxxx Shipping & Packing Materials

895 - 1xxxx Shipping Cartons (Boxes)

895 - 2xxxx Shipping Bags (Poly Bags)

895 - 3xxxx Cushioning Materials (End Caps, etc.)

895 - 9xxxx Miscellaneous Shipping Materials (Desicant)

900 - xxxxx HAL PRODUCTS & SUB-ASSEMBLIES

"xxxxxx" related to HAL Model Number

900 - xxxxx Complete HAL Products

Ex: 900-08000 = Complete ST-8000

905 - xxxxx Complete Product, less Accessories and Shipping

910 - xxxxx Cabinet Sub-Assembly

Ex: 910-08000 = ST-8000 Cabinet Sub-Assembly

915 - xxxxx Display Circuit Boards

Ex: 915-08000 = ST-8000 CRT Circuit Board S/A

917 - xxxxx Option Sub-assemblies

Ex: 917-31000 = RMX-3100 Clock Option Card

920 - xxxxx Logic Circuit Board Sub-Assemblies

Ex: 920-08000 = ST-8000 Front Panel Board S/A

930 - xxxxx Modem Analog Circuit Board Sub-assemblies

Ex: 930-08000 = ST-8000 Modem Board S/A

932 - xxxxx Control Logic Circuit Board Sub-assemblies

Ex: 932-08000 = ST-8000 Control Board S/A

934 - xxxxxx PC-Based Plug-in Circuit Board Sub-assemblies

Ex: 934-03000 = PCI-3000 Circuit Board S/A

936 - xxxxxx ST-6100 Modem Input Board Sub-assemblies

Ex: 936-06110 = ST-6100 High-Tone Input Board

937 - xxxxxx ST-6100 Crystal Sets

Ex: 937-06110 = Crystals for ST-6100 High Tones

950 - xxxxxx Power Supply Sub-assemblies

Ex: 950-09000 = HFCS-1000 A-4 Power Supply

960 - xxxxxx Custom Cables for HAL Products

Ex: 960-00020 = MTX-20 Cable Set

960-08010 = ST-8000 RS232 Terminal Cable

960-08306 = ST-8000 DEMOD to CNTRL Cable

970 - xxxxxx Accessory Sets for HAL Products

Ex: 970-08000 = ST-8000 Accessory Bag

980 - xxxxxx Spare Parts Kits for HAL Products

Ex: 980-08001 = ST-8000 Spare Parts Kit

980-08010 = ST-8000 Spare IC's Only