FUNCTIONAL CLASS DESCRIPTOR (FCD) CODES
BY FUNCTIONAL GROUPINGS
INDEX

FUNCTIONAL GROUPING	PAGE
Bad & Problem Parts	1
Capacitors	1
Cabinets & Cabinet Accessories	1
Cards, Labels, Tapes & Ribbons	1
Chemicals	1,2
Cooling Devices & Accessories	2
Crystals & Crystal Oscillators	2
Diodes & Rectifiers	2
Drills	2
Electrical Devices	2,3
Electrical Protectors - Electro/mechanical	3
Fabricated Components	3
Fabrication Material	3,4
Integrated Circuits (LSI)	4,5
Integrated Circuits (MSI/SSI)	5
Interconnecting Devices - Electro/mechanical	5
Kits	5
Mechanical Assembly Components	5,6,7
Obsoleted Parts	7
Opto Electronics	7
Packaging, Shipping Components	7,8
Peripheral Equipment	8
Phoenix Controlled Parts	8
Positioning Controls/Sensors - Mechanical & Magnetic	8
Power Transmission Components	8,9
Printed Circuit Boards Laminates	9
Printed Wiring Boards	9
Relays	9
Replaced by Parts	9
Resistors	10
Storage & Furniture	10
Switches	10
Transformers	10,11
Transistors	11
Wire, Cable & Tubing	11

BAD & PROBLEM PARTS ..... ZX

CAPACITORS

Capacitors, Ceramic Disc (Including Duals) ..... AF
Capacitors, Ceramic Rectangular Radial Leaded ..... AJ
Capacitors, Ceramic Tubular Axial Leaded ..... AK
Capacitors, Chip, Ceramic (Surface Mnt) ..... AS
Capacitors, Dipped Mica ..... AD
Capacitors, Large Tubular Aluminum Electrolytic ..... AB
Capacitors, Metalized Mylar ..... AH
Capacitors, Metalized Plastic (Other than Mylar) ..... AL
Capacitors, Miniature Aluminum Electrolytic ..... AA
Capacitors, Miniature Tantalum ..... AC
Capacitors, Non-metalized Mylar ..... AG
Capacitors, Non-metalized Plastic (Other than Mylar) ..... AM
Capacitors, Paper/Oil Bathtub ..... AF
Capacitors, RFI Suppression ..... AN
Capacitors, Single Ended Aluminum Electrolytic ..... AR
Capacitors, Variable ..... AP

CABINETS & CABINET ACCESSORIES

Bezels, Die Casted 9S
Bezels, Injection Molded 7I
Bezels, Sand Casted 9R
Cabinets ..... SA
Casters 7J
Clamps, Cable 9B
Clamps, Dakota 9B
Clamps, Worm Gear 9B
Covers ..... SB
Door Hardware 7D
Feet 7J
Glass ..... SB
Guides, Card 7H
Housings ..... SA
Logos 7F
Wire Form Products 7G

CARDS, LABELS, TAPES & RIBBONS

Cards ..... PP
Decals ..... RA
Dispensers ..... RH
Labels ..... RA
Nameplates ..... RA
Paper, Printer ..... RB
Reels, Tape ..... PF
Ribbons, Printer ..... PD
Tabs ..... RC
Tapes, Magnetic ..... OS
Tapes, Paper ..... RC

CHEMICALS

Adhesives, Potting, Bonding Systems ..... YA
Anodes ..... YB
Chemicals ..... YC
Dry Film ..... YD
Ink ..... YE

CHEMICALS (CONTINUED)

Lubricants ..... YG
Solder ..... YH
Paint ..... YP
Misc. ..... YZ

COOLING DEVICES & ACCESSORIES

Air Conditioners, Heat Exchangers 6V
Blowers 6M
Fan, Open Frame 6C
Fans, Tube Axial 6B
Filters, Foam 7B
Guards, Fan Finger 9Z
Heat Sinks 9C
Water Chiller - Air Cooled; Refrigeration Cooled 6W
Pumps, Centrifugal, In-Line; Closed-Couple 6X
Pumps, Magnetic Driven 6Y
Thermollectric Cooler 6Z

CRYSTALS & CRYSTAL OSCILLATORS

Crystals ..... JA
Oscillators, Crystal ..... JB

DIODES & RECTIFIERS

Diode Arrays ..... BF
Diodes, Current Limiting ..... BD
Diodes, Rectifier ..... BB
Diodes, Switching ..... BC
Diodes, Zener ..... BA
Diodes, Zener (Surface Mnt) ..... BN
Diodes; Small Signal Array ..... BG
Diodes, Switching, Gen. Purp. (Surface Mnt) ..... BR
Protective Devices ..... BE
Rectifier Assemblies ..... BP
Rectifier, Selenium ..... BP
Rectifier, Silicon Controlled (SCR'S) ..... BH
Diodes, Schottky ..... BM
Thyristors ..... BK
Triacs ..... BM
Transistors, Unijunction (UJT'S) ..... BL
Varactors ..... BE
Rectifiers, Ultra Fast ..... BJ

DRILLS

Drills ..... HA

ELECTRICAL DEVICES

Bar, Static Eliminator 5P
Batteries 5H
Blowers 6M
Coils 5C
Cores 5A
Fan Accessories 6U
Fiberoptics, Misc 5J
Filters, Electric 5F
Lamps, Indicator 5B
Lamps, P.C. Mount 5B
Lamps, Panel 5B

ELECTRICAL DEVICES (CONTINUED)

Magnetic Pickup 5G
Meters, Time 5C
Meters, Voltage 5C
Motors, AC Gear 6N
Motors, AC Synchronous 6O
Motors, AC Synchronous Gear 6P
Motors, AC, Torque 6R
Motors, DC Brushless 6F
Motors, DC Brushless, Kit 6O
Motors, DC, PM w/ AC Tachometer/Encoder 6I
Motors, DC Servo, Ironcore Rotors 6K
Motors, DC Servo, Ironless Rotors 6L
Motors AC Induction 6E
Motors, Permanent Magnet 6D
Motors, Printed Circuit 6G
Motors, Stepper 6J
Motors, Variable Reluctance 6H
Neons 5D
Solenoids 5G
Tachometer/Encoder 6T
Tubes, Electronic 5E
Unclassified Current Carrying 5Z
Vacuum Pump 6S

ELECTRICAL PROTECTORS - ELECTROMECHANICAL DEVICES

Circuit Breakers 2A
Controls, Pressure 2D
Controls, Temperature 2C
Controls, Voltage 2E
Fuses 2R
Fuse Holders 2B
Manifolds 2O

FABRICATED COMPONENTS (MISC.)

Castings, Die 7A
Castings, Investment 9P
Castings, Sand 9N
Extrusions ..... TL
Molded Parts, Injection Molded 7L
Molded Parts, Structural Foam 9T
Molded Parts, Vacuum Formed 9U

FABRICATION MATERIALS

Angles ..... TH
Bar Stock Raw Material (48-88888-05) ..... TY
Channels ..... TJ
Coiled Materials ..... TC
Extrusions ..... TL
Fab Material Special Number (48-88888-00) ..... TX
Flats ..... TR
Hexagonals ..... TF
Perforated Sheets ..... TP
Pre-Sheared Material ..... TB
Rectangulars ..... TG
Rounds ..... TD
Sheet Stock Raw Material (48-88888-06) ..... TZ
Squares ..... TR

FABRICATION MATERIALS (CONTINUED)

Standard Sheet Size ..... TA
Tees ..... TK
Tubing, Rectangular ..... TO
Tubing, Round ..... TN
Tubing, Square ..... TM

INTEGRATED CIRCUITS

LSI

Amplifier, Hybrid K7
Amplifier, Operational K6
Arrays K8
Bipolar Custom ..... KJ
Custom Logic Support KJ1
Gate Array KJ2
Bipolar Logic Micro/Periph ..... KK
HAL KK1
PAL KK2
Gate Arrays KK3
FPLA/FPLE KK4
FIFO/Multipliers/Reg KK5
Microprocessors KK6
Peripherals KK7
Bipolar RAM ..... KL
TTL RAM KL1
ECL RAM KL2
Bipolar PROM ..... KN
8K PROM KN1
16K PROM KN2
Cassette ..... KA
CMOS LSI ..... KW
CMOS RAM, Custom ..... KY
CMOS RAM, Standard ..... KX
Codec ..... KA
Comparator, Analog K2
Convertor, A/D K1
Convertor, D/A K1
Convertor, DC-DC,AC-DC,Line-DC,etc. K9
CRT ..... KA
Detector Level ..... KC
Hall Effect K8
IC Packages ..... KZ
IC Wafers ..... KZ
Interface, Communications (IEEE/EIA/MIL STD) K4
Interface, Core Memory-Sense Amp & Driver K5
Modem ..... KA
MOS, Custom ..... KH
Microproc KH1
Communication KH2
Terminal Prod KH3
CMOS Gate Array KH4
CMOS (Per Ray Spiewak - LSI CE) KH5
MOS, Micro & Periph ..... KG
Microproc KG1
Microproc Support KG2
Microcomputer KG3
Microcomputer Support KG4
Voice Chips KG5

INTEGRATED CIRCUITS (CONTINUED)

UART, USART, PSAR, PSAT, Baud Rate KG6
MOS, DYN Memory .. .. KF
4F Dram ..... KF
16K Dram KF1
64K Dram KF2
256K Dram KF3
1 Mega Dram KF4
MOS, Static Memory KF5
EPROM ..... KD
ROM KD1
RAM KD2
EEPROM KD3
Multiplexer, Analog KD4
Multiplier K3
Obsolete Logics K8
Sense Amp ..... PZ
Switch, Analog K5
Voltage Regulators K3

INTEGRATED CIRCUITS

MSI/SSI

MSI/SSI ALS (PRODUCT TO BE DEFINED) ..... MF
MSI/SSI AS (PRODUCT TO BE DEFINED) ..... MG
MSI/SSI CMOS 74CXXX & 74HCXXX ..... MH
MSI/SSI ECL 10K ..... MK
MSI/SSI ECL 10KH ..... ML
MSI/SSI ECL 100K ..... MM
MSI/SSI F 74FXXX ..... MP
MSI/SSI INTERFACE ..... MJ
MSI/SSI LINEAR ..... MI
MSI/SSI LS 74LSXXX ..... MC
MSI/SSI TTL 74HXX ..... MB
MSI/SSI TTL 74XX ..... MA
MSI/SSI TTL 74SXXX ..... MD

INTERCONNECTING DEVICES - ELECTROMECHANICAL DEVICES

Blocks, Terminal ..... IK
Connectors, Backplane ..... IA
Connectors, Card Edge IC
Connectors, Coax ..... IB
Connectors, D Subminiature ..... ID
Connectors, H800 Series ..... IA
Connectors, High Voltage ..... IA
Connectors, Insulation Displacement (IDC) ..... IN
Connectors, Jones ..... IE
Connectors, Mate-N-Lock ..... IF
Connectors, PCB Header ..... IM
Connectors, Pin & Socket Crimp to Wire ..... IO
Connectors, Power ..... IH
Connectors, Rack & Panel ..... IG
Connectors, Telephone ..... IJ
Connectors, Test IL
Connectors, Z I F IL
Jumpers ..... IO

INTERCONNECTING DEVICES - ELECTROMECHANICAL DEVICES - CONTINUED

Markers, Wire 1K
Sockets, Component (excluding indicator light housing) 1J
Splices, Coax 1B
Strips, Marking 1K
Strips, Terminal 1K
Tees, Coax 1B
Terminals, Electrical 7Y
Tools, Telephone 1J
* Associated hardware for connectors is in the FCD for that connector.

KITS

Kits 0B

MECHANICAL ASSEMBLY COMPONENTS

Baffles 7B
Bearings 8A
Belts 2B
Braces 6A
Brackets 6A
Bumpers 7M
Bushings 8C
Buttons 9A
Buttons, Plug 7W
Cable Ties 9B
Casters 7J
Chains 8B
Chassis Slides 7C
Clamps, Cable 9B
Clamps, Dakota 9B
Clamps, Worm Gear 9B
Clips 6A
Collars 9L
Couplings 8F
Door Hardware 7D
Eyebolts ..... AJ
Eyelets 7E
Feet 7J
Ferrules 7T
Filters, Foam 7R
Flanges 8K
Foam Pads ..... SF
Fuses 2B
Fuse Holders 2B
Gaskets 7K
Gears 8H
Glass ..... SB
Grommets 7S
Ground Strap 9D
Guides, Card 7H
Guides, Misc. 7H
Heat Sinks 9C
Holders 6A
Holddowns 6A
Housings ..... SA
Inserts 7T
Keycaps; Sculpt ..... XA
Keycaps; Stepped ..... XB
Knobs 9A

MECHANICAL ASSEMBLY COMPONENTS (CONTINUED)

Lamps, Indicator 5B
Lamps, P.C. Mount 5B
Lamps, Panel 5B
Magnets 7F
Manifolds 2D
Molded Parts, Injection Molded 7L
Molded Parts, Structural Foam 9T
Molded Parts, Vacuum Formed 9U
Mounting Hardware, Component 6A
Nuts 7U
Pins (Excluding Connector Pins) 7V
Pulleys 8B
Quarter Turn Fasteners 7R
Quarter Turn Receptacle Studs 7R
Rings, Expansion 9F
Rings, Retainer 9F
Rivets 7P
Rods, Special Purpose 9V
Roller Assy 8L
Roller Assy, Pinch 8L
Rubber Accessories 7N
Screws, Machine and Eyebolts..... A1
Screws, Panel/Thumb and Captive..... A2
Screws, Sem A4
Screws, Set A3
Screws, Thread Rolling for Metal Materials..... A5
Screws, Thread Rolling for Plastic Materials..... A6
Screws, Thread Cutting for Metal Materials..... A7
Screws, Thread Cutting for Plastic Materials..... A8
Screws, Thread Forming for Metal and Plastic Materials..... A9
Screws, Shoulder..... C1
Screws, Thread Forming for Wood..... C2
Screws, Thread Rolling, Serrated, for Metal Materials..... C3
Screws, Thread Rolling, Serrated, for Plastic Materials..... C4
Shafts, Special Purpose 9V
Shields 9K
Shims 9L
Shock Mounts 8G
Sleeve, Solder 7Z
Spacers 9L
Spindles 9F
Springs 9F
Sprockets 8H
Standoffs 9L
Strain Reliefs 9G
Studs 7X
Supports 6A
Tape, Adhesive 9J
Terminals, Electricals 7Y
Tractors 9M
Unclassified Mechanical 9Z
Washers 9H
Wire Form Products 7G

OBSOLETED PARTS ..... ZY

OPTO ELECTRONICS

Infrared Emitters R3
Misc R6
Opto Couplers R5
Opto Interrupters; Limit Switches Encoders R6
Photo Cell R1
Photo Detectors R4
Visible Leds; Displays R2

PACKAGING, SHIPPING COMPONENTS

Assy, Carton Components ..... VK
Bag, Poly ..... VT
Buildup, Laminated VC
Buildup, Laminated W/Foam ..... VH
Carton, Chipboard ..... VF
Carton, Half-Slotted ..... VB
Carton, Full Overlap VC
Carton, Regular Slotted ..... VA
Carton, Telescope ..... VD
Crate, Wood ..... VN
Die Cut ..... VJ
Die Cut, Laminated W/Foam VL
Divider, Corrugated ..... VS
Dunnage ..... VU
Envelope, Mailing, Cushioned ..... VP
Film, Poly, PVC, Shrink ..... VZ
Foam Pads, Inserts, And Cushion Devices ..... VW
Folders, Five Panel, OPF VX
Plastic Jars, Boxes And Cotton Bags VV
Sheet, Scored And Pads ..... VR
Skid, Shipping, And Accessories ..... VM
Strapping And Strap Protectors ..... VY
Tube, Joined ..... VE

PERIPHERAL EQUIPMENT

Cameras ..... QR
Card Punches ..... QE
Card Readers ..... QF
Cartridges ..... QS
Cathode Ray Tubes ..... QD
Clocks ..... QR
Converters ..... QR
Couplers, Acoustic ..... QP
Disc Drives ..... QL
Disc Pack ..... QS
Drums, Printer ..... QK
Hammers, Print ..... QH
Keyboards ..... QM
Line Printers ..... QJ
Magnetic Tape Heads ..... QA
Mag Tape Transports ..... QR
Memory Drum Systems ..... QT
Memory Stacks ..... QF
Misc. Peripheral ..... QR
Oscilloscopes ..... QD
Paper Tape Punches ..... QG
Paper Tape Readers ..... QG
Peripheral Equipment Components, Mechanical ..... QV

PERIPHERAL EQUIPMENT CONTINUED

Plotters (excluding printer plotters) ..... QH
Power Supplies ..... QN
Print Wheels ..... QU
Printer Plotters ..... QJ
Scanners ..... QR
Surfaces ..... QS
Tape, Magnetic ..... QS
Tape, Paper ..... QC
Transducers ..... QP

PHOENIX CONTROLLED PARTS ..... ZR

POSITIONING CONTROLS/SENSORS - MECHANICAL & MAGNETIC

Scales ..... QW
Templates ..... QW
Timing Discs ..... QX

POWER TRANSMISSION COMPONENTS

Bearings ..... RA
Belts ..... RB
Brakes ..... RD
Bushings ..... RC
Chains ..... RR
Clutches ..... RJ
Couplings ..... RE
Dampeners ..... RF
Flanges ..... RV
Gears ..... RH
Pulleys ..... RR
Roller Assy (including pinch) ..... RL
Shock Mounts ..... RG
Spindles ..... RF
Sprockets ..... RH

PRINTED CIRCUIT BOARD LAMINATES

B Stage Epoxy Cloth F1
Copper Clad - Rigid F2
Copper Clad - Thin Core F3
Copper Foil Material F6
Mass Lamination F5
Printed Circuit Board Assy F4
Other P.C. Material F7

PRINTED WIRING BOARDS

Backpanel Other F7
*High Density Dual (Half Quad) ..... FF
*High Density Ex-Hex ..... FI
*High Density Hex ..... FG
*High Density Other ..... FJ
*High Density Quad ..... FH
ML Backpanel ..... FX
*ML Fine-Line Dual (Half Quad) ..... FP
*ML Fine Line Ex-Hex ..... FS
*ML Fine Line Hex ..... FR
*ML Fine Line Other ..... FT

PRINTED WIRING BOARDS CONTINUED

*ML Fine Line Quad ..... FQ
*ML High Density Dual (Half Quad) ..... FK
*ML High Density Ex-Hex ..... FN
*ML High Density Hex ..... EL
*ML High Density Other ..... FQ
*ML High Density Quad ..... FM
MSL Backpanel ..... EY
MSL Ex-Hex ..... EU
*MSL Other ..... FV
*Print & Etch Hex; Quad; Other ..... EA
Standard Backpanel ..... FW
*Standard Density Hex ..... FC
*Standard Density Other ..... EE
*Standard Density Quad ..... FD

*Indicates a PWB Desc which may or may not have Gold Fingers.

RELAYS

Relays, Contactor 3F
Relays, Dry Contact 3A
Relays, Mercury Displacement 3B
Relays, Mercury Wetted 3C
Relays, Reed 3D
Relays, Solid State 3G
Relays, Time Delay 3E

REPLACED BY PARTS ..... ZZ

RESISTORS

Potentiometers ..... DD
R-C Networks ..... DF
Resistor Networks ..... DF
Resistor, Carbon Film ..... DT
Resistor, Carbon Composition ..... DA
Resistor, Chip ..... DL
Resistor, Fusible ..... DH
Resistor, Metal Film ..... DB
Resistor, Metal Oxide ..... DJ
Resistor, Precision; Stable ..... DK
Resistor, Wirewound ..... DC
Thermistors ..... DG
Varistors ..... DF

STORAGE & FURNITURE

Cabinets ..... SA
Cans, Tape ..... SH
Cases, Carrying ..... SE
Chairs ..... SD
Racks ..... SC
Table Supports ..... SC
Table Tops ..... SD
Tables ..... SD

SWITCHES

- Switch Accessories; Caps; Handles; Knobs 4J
- Keyboards ..... OM
- Keyswitch Arrays 4I
- Keyswitches 4I
- Switches, Dip (any multipole switch in an IC type package) 4H
- Switches, Door Interlock 4K
- Switches, Lever 4G
- Switches, Lighted Push Button (excluding rocker operated) 4C
- Switches, Locking 4B
- Switches, Microtype 4K
- Switches, Push Button (excluding rocker operated) 4C
- Switches, Rocker Operator 4A
- Switches, Rocker (including slides, toggle & pushbuttons modified to use rocker operator.) 4A
- Switches, Rotary 4D
- Switches, Slide (excluding rocker operated) 4E
- Switches, Special Application 4K
- Switches, Thumbwheel 4G
- Switches, Toggle (excluding rocker operated) 4E

TRANSFORMERS

- Deflection Coils (Yokes) G1
- Delay Lines, Active ..... GW
- Delay Lines - Passive ..... GA
- Delay Lines, Variable ..... GK
- Inductors, Ferrite + Powdered Iron, Non Toroidal ..... GZ
- Inductors, Common Mode Baluns ..... GC
- Inductors, Steel Lamination (Non-Toroidal) ..... GY
- Inductors, Ferrite + Powdered Iron $\leq$ 25A ..... GX
- Inductors, Variable (Tuning, Slug Core Type) ..... GD
- Transformers, Base Drive ..... GV
- Transformers, Bias (Start up) 50/60HZ, $\leq$ 25VA ..... GU
- Transformers, Ferro Resonant, 50/60HZ, Up To 500VA (CVT) ..... GF
- Transformers, Ferro Resonant, 50/60HZ, 501 To 3000VA (CVT) ..... GF
- Transformers, High Freq., 20 To 50KHZ, Up To 200 Watt ..... GL
- Transformers, High Freq., 20 To 50KHZ, 201 To 1000 Watt ..... GM
- Transformers, High Freq., 20 To 50KHZ, Over 1000 Watt ..... GN
- Transformers, Current Sense (All Freq.) ..... GP
- Transformers, Linear Power, 50/60HZ, 20 to 1500 Watt ..... GG
- Transformers, Video Flyback (High Voltage) ..... GH
- Beads, Ferrite, Powdered Iron (Noise Suppression) ..... GI
- Transformers, Power, Auto, 50/60HZ, Up To 1000VA ..... GT
- Transformers, 3 Phase, 50/60HZ, Up to 3KVA ..... GR
- Transformers, Power, 3 Phase, 50/60HZ, 3 To 25KVA ..... GS
- Transformers, Variable 50/60 Hz (Variacs) ..... GJ
- Transformers, Wideband, Pulse + Audio ..... GB

TRANSISTORS

- FET, N Channel ..... FJ
- FET, P Channel ..... FK
- General Purpose Amps, NPN $\leq$ 6 Watts ..... FB
- General Purpose Amps, PNP $\leq$ 6 Watts ..... FF
- Transistor, Power, NPN > 6 Watts ..... FC
- Transistor, Power, PNP > 6 Watts ..... FF
- Transistor, Switching, NPN $\leq$ 6 Watts ..... FA
- Transistor, Switching, PNP $\leq$ 6 Watts ..... FD
- Transistor, VMOS, N Channel ..... FG
- Transistor, VMOS, P Channel ..... FG
- Transistors, NPN (Surface Mnt) ..... FH
- Transistors, PNP (Surface Mnt) ..... FL

WIRE, CABLE & TUBING

Bus Strip, Backplane ..... HT
Cable Assy ..... HJ
Cable Wrap ..... HX
Cable, Coax ..... HC
Cable, Flexible ..... HM
Cable, Misc. ..... HJ
Cable, Multiconductor Round ..... HK
Cable, Ribbon (excluding Coax) ..... HN
Power Cord ..... HR
Power Cord, Terminated ..... HP
Stringing Needles ..... HV
Tubing, PVC ..... HS
Tubing, Shrinkable ..... HT
Tubing, Teflon ..... HU
Wire, Bus (no insulation) ..... HT
Wire, Misc. ..... HJ
Wire, Solid, Single Conductor ..... HA
Wire, Solid, Wire Wrap ..... HB
Wire, Solid, Wire Wrap Triad ..... HD
Wire, Solid, Wire Wrap Twisted Pair ..... HC
Wire, Stranded, Basic Color ..... HF
Wire, Stranded, Basic Color w/Tracer ..... HF
Wire, Stranded, Triad ..... HH
Wire, Stranded, Twisted Pair ..... HG
Wiremold ..... HW

QUALIFIED VENDOR LISTING

CLASS	DESCRIPTION	DEC PART NUMBER			FICHE LOC
10	CAPACITOR	10-00001-00	thru	10-15033-00	55A-1A
		10-15202-00	thru	END	55B-1A
11	DIODES	11-105VT-40	thru	11-14103-00	55B-1A
		11-14103-01	thru	END	55C-1A
12	ELECTRO-MECHANICAL	12-00001-GS	thru	12-09277-00	55C-1A
		12-09278-00	thru	12-10919-00	55D-1A
		12-10921-00	thru	12-12287-6K	55E-1A
		12-12287-6L	thru	12-13371-00	55F-1A
		12-13371-45	thru	12-14333-E8	55G-1A
		12-14333-E9	thru	12-14944-00	55H-1A
		12-14944-01	thru	12-16795-01	55J-1A
		12-16877-06	thru	12-19005-00	55K-1A
		12-19005-01	thru	12-21777-01	55L-1A
		12-21778-01	thru	12-24897-02	55M-1A
		12-24897-03	thru	END	55N-1A
13	RESISTORS	13-00000-01	thru	13-03124-00	55P-1A
		13-03136-00	thru	13-12466-01	55P-1A
		13-12466-02	thru	13-16445-00	55Q-1A
		13-16504-00	thru	13-18546-51	56A-1A
		13-18547-00	thru	13-23828-01	56B-1A
		13-23828-02	thru	END	56C-1A
14	P. C. BOARDS	14-00000-GS	thru	14-00010-00	56C-1A
		14-00011-20	thru	END	56D-1A
15	TRANSISTORS	15-02272-00	thru	END	56D-1A
16	TRANSFORMERS & INDUCTORS	16-00002-GS	thru	16-01869-60	56D-1A
		16-01926-00	thru	END	56E-1A
17	CABLE	17-00001-00	thru	17-00052-05	56E-1A
		17-00053-00	thru	17-00554-04	56F-1A
		17-00555-01	thru	END	56G-1A
18	CRYSTAL	18-05023-01	thru	18-11660-60	56G-1A
		18-11660-61	thru	END	56H-1A
19	INTEGRATED CIRCUITS	19-00000-GS	thru	19-12388-00	56H-1A
		19-12388-80	thru	19-17735-02	56J-1A
		19-23224-02	thru	END	56L-1A
23	ROMS, PROMS, AND PATTERN	23-030A2-00	thru	23-113J5-00	56M-1A
		23-113K3-00	thru	23-309A1-00	56N-1A
		23-309A2-00	thru	23-869F1-00	56P-1A
		23-870A9-00	thru	END	56Q-1A
34	FURNITURE(TABLES,TABLETOPS, CHAIRS AND CABINETS).	34-00001-GS	thru	34-15791-00	56Q-1A
		34-16013-00	thru	END	57A-1A
36	LABELS AND TAPES	36-00001-GS	thru	36-15904-00	57A-1A
		36-15918-00	thru	36-18696-02	57B-1A
		36-18697-00	thru	36-21041-14	57C-1A
		36-21102-01	thru	36-24580-01	57D-1A
		36-24580-02		END	57E-1A
48	RAW FAB MATERIALS	48-20006-06	thru	48-50023-06	57E-1A
		48-50023-07	thru	END	57F-1A
49	CHEMICALS	49-01513-03	thru	END	57F-1A
57	HYBRIDS	57-00005-01	thru	END	57F-1A

CLASS	DESCRIPTION	DEC PART NUMBER			FICHE LOC
74	FAB	74-00015-92	thru	74-07259-00	57F-1A
		74-07259-01	thru	74-08932-00	57G-1A
		74-08933-00	thru	74-11439-00	57H-1A
		74-11440-00	thru	74-13725-00	57J-1A
		74-13725-01	thru	74-15501-00	57K-1A
		74-15502-00	thru	74-17739-00	57L-1A
		74-17740-00	thru	74-18320-00	57M-1A
		74-18321-00	thru	74-19916-00	57N-1A
		74-19917-00	thru	74-21543-00	57P-1A
		74-21544-00	thru	74-23276-00	57Q-1A
		74-23277-00	thru	74-24888-08	58A-1A
		74-24888-09	thru	74-25821-00	58B-1A
		74-25821-01	thru	74-27185-01	58C-1A
		74-27186-01	thru	74-28753-01	58D-1A
		74-28753-02	thru	74-30430-0[illegible]	58E-1A
		74-30431-01	thru	74-32167-01	58F-1A
		74-32168-01	thru	END	58G-1A
90	MECHANICAL	90-00049-44	thru	90-06829-00	58G-1A
		90-06830-00	thru	90-08871-00	58H-1A
		90-08872-00	thru	90-09120-00	58J-1A
		90-09120-01	thru	END	58K-1A
91	WIRE	91-00000-GS	thru	91-10606-00	58L-1A
		91-10606-01	thru	91-07430-07	58L-1A
		91-07430-08	thru	91-07698-00	58M-1A
		91-07702-03	thru	END	58N-1A
99	PACKAGING	99-00001-GS	thru	99-00017-GS	58N-1A
		99-00018-GS	thru	99-05633-00	58P-1A
		99-05634-00	thru	99-05828-00	58Q-1A
		99-05828-01	thru	99-06366-00	59A-1A
		99-06366-01	thru	99-06780-02	59B-1A
		99-06781-00	thru	99-07155-62	59C-1A
		99-07155-68	thru	99-07601-00	59D-1A
		99-07601-01	thru	END	59E-1A

7

PURCHASED PARTS LISTING BY VENDOR NAME

VENDOR NAME	FICHE LOC
A & A Mfg Co Inc thru AMP I[illegible]	63A
AMP Inc thru Air Cooli[illegible] T.	63B
Air Cooling T thru Allmeral [illegible]crew	63C
Allmetal Screw thru Arco El[illegible]tron	63D
Arco Electron thru Barry Co[illegible]rol	63E
Barry Control thru Bourns I[illegible]	63F
Bourns Inc thru Brand-Rex L[illegible]	63G
Brand-Rex Ltd thru Camcar T[illegible]xtro	63H
Camcar Textro thru Cherokee [illegible]pec	63J
Cherokee Spec thru Comptec [illegible]tl	63K
Comptec Intl thru Concord E[illegible]c	63L
Concord Prec thru Corning G[illegible]ss	63M
Corning Glass thru Dale El[illegible]tron	63N
Dale Electron thru Design M[illegible] Corp	63P
Design Mark Corp thru Digital Equip	63Q
Digital Equip thru E I Dupont De	64A
E I Dupont De thru Electronic AS	64B
Electronic AS thru Fairchild Semicon	64C
Fairchild Semicon thru G M Nameplate	64D
G M Nameplate thru H & M Metals	64E
H & M Metals thru Hi-Tol LT[illegible]	64F
Hi-Tol LTD thru Hitachi Cab[illegible]	64G
Hitachi Cable thru ITT Surpren	64H
ITT Surpren thru IMHOF-BEDC[illegible] S	64J
IMHOF-BEDCO S thru Intl Packaging	64K
Intl Packaging thru Judd W[illegible]	64L
Judd Wire thru Kyocera Intl	64M
Kyocera Intl thru Lewis Sc[illegible] M	64N
Lewis Screw M thru M F Elec[illegible]oni	64P
M F Electroni thru Matsushi[illegible] El	64Q
Matsushita El thru Mepco/El[illegible]ctra	65A
Mepco/Electra thru Mideast [illegible]lumni	65B
Mideast Alumni thru Mostek Corp	65C
Mostek Corp thru Mura Corp	65D
Murata Erie E thru Nauqler Engin	65E
Nauqler Engin thru Omni Industri	65F
Omni Industri thru Penn Engineer	65G

PURCHASED PARTS LISTING BY VENDOR NAME

VENDOR NAME	FICHE LOC
Penn Engineer thru Polyfoam Pack	65H
Polyform Pack thru Premier Corrugated	65J
Premier Corrugated thru Raychem Corp	65K
Raychem Corp thru Roederstein E	65L
Roederstein E thru ROHM Corp	65M
ROHM Corp thru Sakata Shokai	65N
Sakata Shokai thru Screenprint I	65P
Screenprint I thru Siemens Corp	65Q
Siemens Corp thru Silicon Gener	66A
Silicon Gener thru Sprague Electric	66B
Sprague Electric thru TRW Carr D I	66C
TRW Carr D I thru Technic Inc	66D
Technical Dev thru Texas Instruments	66E
Texas Instruments thru Tyton Corp	66F
Tyton Corp thru W F Wood Engi	66G
W F Wood Engi thru (END)	66H

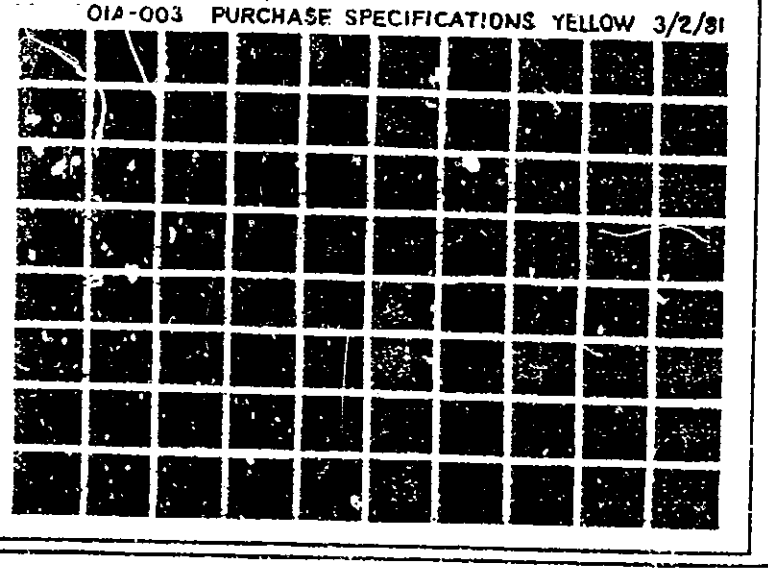
PURCHASED PARTS LISTING BY VENDOR PART NUMBER

CLASS	FICHE LOC
10	60A-1D
11	60B-7D
12	60C-2C
13	60G-4A
14	60M-8A
15	60N-1A
16	60N-3A
17	60P-1B
18	60P-3B
19	60P-5A
20	61A-1J
21	61A-2B
22	61A-6A
23	61A-6C
24	61B-1A
26	61B-1J
30	61B-2B
34	61B-5A
36	61B-5C
47	61B-7D
48	61B-7F
49	61B-7I
74	61C-2E
90	61C-2G
91	61E-3B
99	61E-6A

PSIS

PURCHASE
SPECIFICATION
INFORMATION
SYSTEM

User Manual



MICROFICHE DATA BASE SYSTEM

DESIGNED AND PREPARED BY
SPESIFICATION CONTROL SYSTEMS DEPT.

JAN.1982

FORWARD

The Purchase Specification Information System (PSIS) is stored on "unit record" microfiche cards with each card capable of holding 30 pages (frames) of information (see example fiche Page 1). This microfiche format is commonly referred to as "COM 30 format". Our fiche are created by either of two methods:

- Computer Output Microfiche (COM) - whereby computer data on magnetic tape is converted into human readable language on microfiche.
- Source document fiche - whereby the documents are directly photographed using a "step and repeat" camera onto microfiche.

The data base is divided into six groups each containing different information (see Page 2). The individual groups are color coded for easier identification. As a PSIS microfiche user, you may be receiving any one or all of these groups.

Updated microfiche cards containing new and revised documents and listing are sent to PSIS users weekly. The system is designed to keep the most current information in the data base on a continuous basis to serve your needs.

TABLE OF CONTENTS

Forward i

Example-fiche 1

Microfiche Subdivisions 2

Indexes to PSIS System

- Table of Contents Card 3
- Purchase Specification 3
- Incoming Inspection 4
- 766 Specification 4
- Qualified Vendor Listing 4
- Purchased Parts Listings 4
- DEC Standards 4
- FCD Appendix 4
- EWS Appendix 4

Purchased Parts Index - What are all those columns for? ... 5

How to Find Information Within the PSIS 9

- Purchase Specifications 10
- Incoming Inspection Procedures 11
- 766 Engineering Specifications 11
- DEC Standards 12
- Qualified Vendor(s) for a Purchased Part 13
- FCD Information 14
- PPL by Vendor Name 16
- PPL by Vendor Part Number 17

EXAMPLE: FICHE

Heading - Color - Date Filmed

Fiche Number

Frame, Page or X,Y Coordinates	00A		Index Fiche - Red 2/22/78							
	1A	1B	1C	Etc.	....	....	....	....	....	1J
	2A	Etc.	....	....	....	....	....	....	....	2J
	3A		*							
	4A									
	5A									
	6A									
	7A									
	8A									8J

* The fiche number and the frame are combined to become the "info code" or "fiche location". Example 00A 3C.

7

P S I S MICROFICHE SUBDIVISIONS

GROUP		PRODUCED VIA
I.	PURCHASE SPECIFICATIONS	
	A. Preliminary Purchase Spec	Source
	B. Approved Purchase Spec	Source
	C. Purchase Spec ECO	Source
	D. Part Number Request Form	Source
II.	D E C STANDARDS	
	A. Engineering and Documentation Standard	Source
III.	SUPPORTIVE PURCHASE SPEC DOCUMENTS	
	A. Incoming Inspection Procedures	Source
	B. 766 Quality Related Engineering Specs	Source
	C. Index to I. I.'s and 766 Series	COM
IV.	MASTER PARTS FILE (Weekly)	
	A. Purchased Parts Index by Part Number	COM
	B. Purchased Parts Index by Description	COM
	C. Purchased Parts Index by Functional Class (FCD) .	COM
	D. Manually Generated Indexes & Appendices	Source
	1. DEC Standard	
	2. FCD Appendix	
	3. EWS Appendix	
	4. Signature Authority List	
V.	QUALIFIED VENDOR LISTING (Bi-Weekly)	
	A. QVL Listing by DEC Part Number	COM
VI.	PURCHASED PARTS LISTING (Monthly)	
	A. PPL by Vendor Name	COM
	B. PPL by Vendor Part Number by Class	COM

Table of Contents Card

The Table of Contents Card is your first step in obtaining any information from the PSIS System. This is a manually produced card which should be located on or near the fiche machine. This card lists all the manual and COM indexes which will direct you to the information you desire. (See example below)

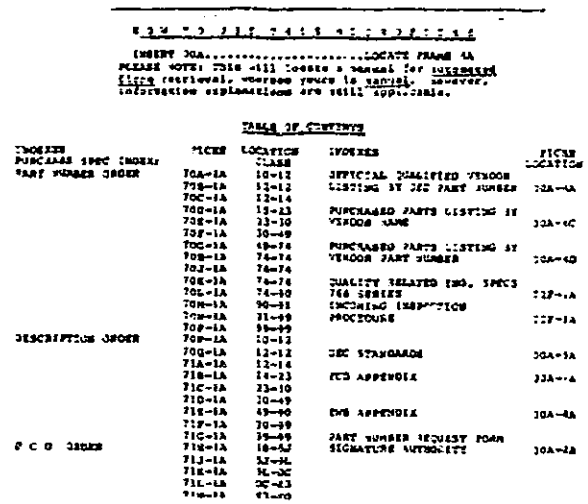


TABLE OF CONTENTS

INDEXES PURCHASE SPEC INDEX:	FICHE LOCATION CLASS	INDEXES	FICHE LOCATION
*PART NUMBER ORDER	70A-1A 10-12	OFFICIAL QUALIFIED VENDOR	
	71B-1A 13-13	LISTING BY DEC PART NUMBER	32A-4A
	70C-1A 12-14		
	70D-1A 15-23	PURCHASED PARTS LISTING BY	
	73E-1A 23-30	VENDOR NAME	32A-4C
	73F-1A 30-49		
	70G-1A 48-74	PURCHASED PARTS LISTING BY	
	70H-1A 74-74	VENDOR PART NUMBER	32A-4D
	70I-1A 74-74		
	70K-1A 74-76	QUALITY RELATED ENG. SPECS	
	70L-1A 74-90	700 SERIES	32F-1A
	70M-1A 90-91	INCOMING INSPECTION	
	70N-1A 91-99	PROCEDURE	32F-1A
	70P-1A 99-99		
DESCRIPTION ORDER	70P-1A 10-12		
	70Q-1A 12-12	DEC STANDARDS	30A-5A
	71A-1A 12-16		
	71B-1A 14-23	ECO APPENDIX	33A-4A
	71C-1A 23-30		
	71D-1A 30-49		
	71E-1A 49-90	EWS APPENDIX	30A-8A
	71F-1A 70-99		
	71G-1A 99-99	PART NUMBER REQUEST FORM	
E C O ORDER	71H-1A 10-AJ	SIGNATURE AUTHORITY	30A-2A
	71J-1A AJ-AL		
	71K-1A AL-AC		
	71L-1A AC-A3		
	71M-1A A3-A9		

Purchase Specification Index - Purchased Parts Index

The Purchased Parts Index is used as the index to Purchase Specifications in this system. The fiche location for this index is located on the top left side of the Table of Contents Card (see example above). The Purchased Parts Index is divided into three (3) sections.

1. DEC part number order by component class.

This is most commonly used to locate Purchase Specs if you know the DEC part number of a component. On the top of each fiche is From - To which tells what information is contained on each fiche.

2. Part description order by component class.

You can use this for finding Purchase Specs if you know what the part is, but do not have a DEC part number.

3. Functional Class Descriptor (FCD) order irrespective of class.

You would use this section to find Purchase Specs on components with similar functions, i.e. Dry Contact Relays (Ref. Pages 14 - 15).

Incoming Inspection and 766 Specification Index

This is a COM generated index in numeric sequence which contains the I. I. or 766 Specification Number, description, status, revision, fiche location and the DEC part number(s) for which the I. I. or 766 specification is applicable. The fiche location for this index is listed on the middle right side of the Table of Contents Card.

Qualified Vendor Listing (QVL) Index

The index for the QVL by DEC Part Number is manually produced and the fiche location for this index is listed on the top right side of the Table of Contents Card. This index is in class code order and the fiche locations (information codes) are for the computer generated index pages of the microfiche cards, i.e. (55A)-1A is the index page for microfiche card 55A.

Purchased Parts Listing (PPL) Indexes

There are two Purchased Parts Listing (PPL) with each having its own index. The PPL by Vendor Part Number is in vendor part number order with respect to component class. The index for this is in component class order and the fiche locations (info codes) listed for a class code is the location where the vendor part numbers begin for that particular class. The PPL by Vendor Name is in vendor name order irrespective of component class. The index for this listing is in alphabetical order by vendor name. The fiche location listed after the vendor names is the Fiche Card on which those vendors will be found.

The fiche location of these indexes can be found on the top right side of the Table of Contents Card.

DEC Standards Index

The DEC Standards Index lists the fiche locations of the Standards in numerical order. The title of the Standard appears after the number. The fiche location for this index is listed on the bottom right side of the Table of Contents Card.

FCD Appendix

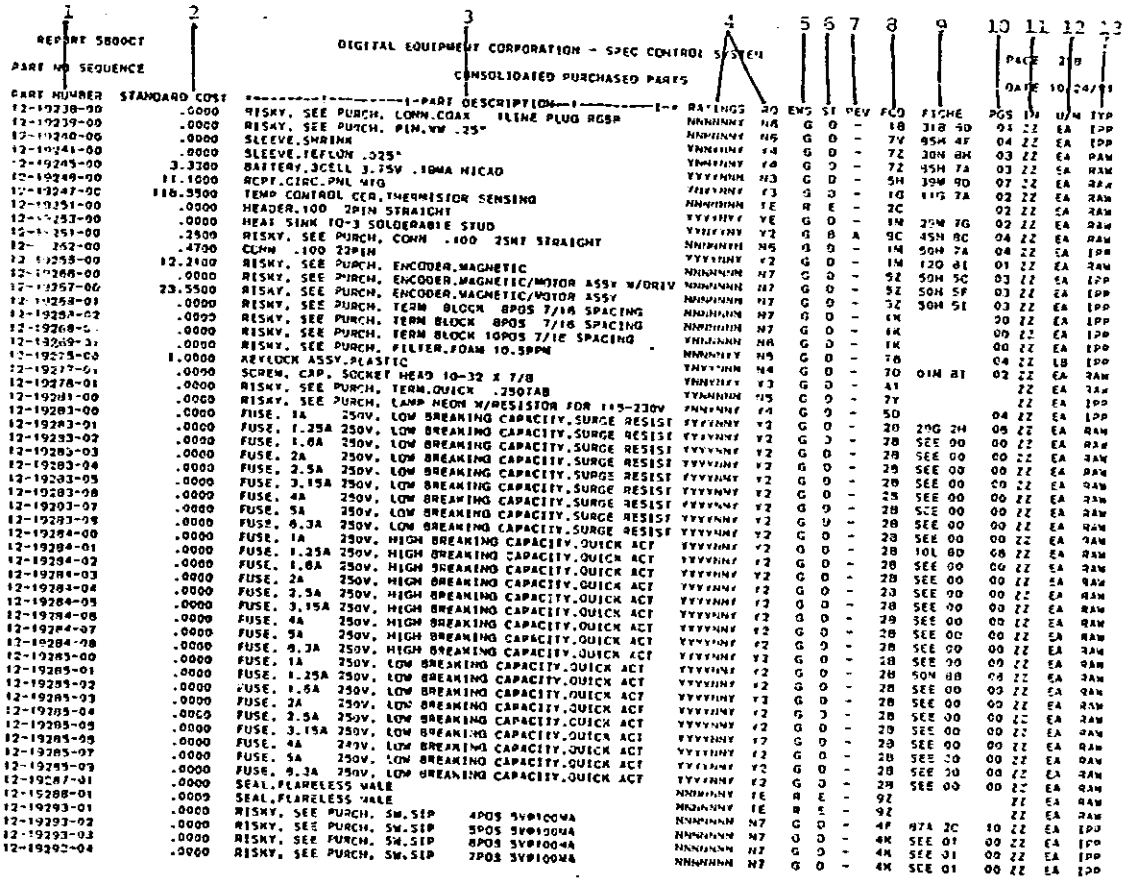
The FCD Appendix is a listing of Functional Class Descriptor (FCD) codes by functional groupings. The first page of the appendix is an index page of the functional groupings in alphabetical order with their corresponding fiche frame (X - Y coordinate) location. The bottom right side of the Table of Contents Card lists the fiche location of the appendix.

EWS Appendix

The EWS Appendix is an alphabetical listing of the Early Warning System (EWS) codes and their meanings. The fiche location for this appendix can be found on the bottom right of the Table of Contents Card.

PURCHASED PARTS INDEX - WHAT ARE ALL THOSE COLUMNS FOR?

This section explains the information available to the user about a part number on the Purchased Parts Index. Though the primary function of this index in the PSIS System is to serve as the index for the purchase specifications, it is also a tool from which other important information can be obtained.



1 2 3 4 5 6 7 8 9 10 11 12 13

REPORT SB00CT — DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM — PAGE 219

PART NO SEQUENCE — CONSOLIDATED PURCHASED PARTS — DATE 10-24-91

PART NUMBER	STANDARD COST	1-PART DESCRIPTION	RATINGS	SQ	ENG	ST	REV	FCD	FIGHE	PGS	IN	U/M	TYP
12-19238-00	.0000	RISKY, SEE PURCH, CONN.COAX FLINE PLUG RGSP	NNNNNNY	NA	G	0	-	1B	318 5D	95	ZZ	EA	IPP
12-19239-00	.0000	RISKY, SEE PURCH, PIN,WW .25"	NNNNNNY	N6	G	0	-	7Y	95M 4F	04	ZZ	EA	IPP
12-19240-00	.0000	SLEEVE,SHRINK	YNNNNNY	F4	G	0	-	7Z	30N 8H	03	ZZ	EA	PAM
12-19241-00	.0000	SLEEVE,TEFLON .025"	YNNNNNY	F4	G	0	-	7Z	45H 7A	03	ZZ	SA	RAM
12-19245-00	3.3300	BATTERY,3CELL 3.75V .10MA NICAD	YYYYNNN	N3	G	D	-	5H	39M 9D	07	ZZ	EA	RAA
12-19249-00	11.1000	RCPT,CIRC,PNL MTG	YYYYYNY	F3	G	3	-	1G	41G 7A	02	ZZ	EA	RAM
12-19247-00	116.9500	TEMP CONTROL CER,THERMISTOR SENSING	NNNNNNN	TE	R	E	-	2C		02	ZZ	SA	RAM
12-19251-00	.0500	HEADER,100 2PIN STRAIGHT	YYYYNYY	YE	G	D	-	1N	25M 7G	02	ZZ	EA	RAM
12-19253-00	.0000	HEAT SINK TO-3 SOLDERABLE STUD	YYYFYNY	Y2	G	B	A	9C	45N 8C	04	ZZ	EA	RAM
12-19259-00	.2500	RISKY, SEE PURCH, CONN .100 2SKT STRAIGHT	NNNNNYN	N6	G	0	-	1N	50H 7A	04	ZZ	EA	IPP
12-19262-00	.4790	CONN .100 22PIN	YYYYYNY	Y2	G	D	-	1N	120 6L	01	ZZ	EA	RAM
12-19258-00	12.2400	RISKY, SEE PURCH, ENCODER,MAGNETIC	NNNNNNN	N7	G	0	-	9Z	50H 5C	03	ZZ	SA	IPP
12-19266-00	.0000	RISKY, SEE PURCH, ENCODER,MAGNETIC/MOTOR ASSY W/DRIV	NNNNNNN	N7	G	0	-	9Z	50H 5F	03	ZZ	EA	IPP
12-19267-00	23.5500	RISKY, SEE PURCH, ENCODER,MAGNETIC/MOTOR ASSY	NNNNNNN	N7	G	0	-	3Z	50H 5E	03	ZZ	EA	IPP
12-19268-01	.0000	RISKY, SEE PURCH, TERM BLOCK 8POS 7/16 SPACING	NNNNNNN	N7	G	0	-	4K		20	ZZ	EA	IPP
12-19268-02	.0000	RISKY, SEE PURCH, TERM BLOCK 8POS 7/16 SPACING	NNNNNNN	N7	G	0	-	6K		00	ZZ	EA	IPP
12-19268-[illegible]	.0000	RISKY, SEE PURCH, TERM BLOCK 10POS 7/16 SPACING	YNNJNNN	N6	G	D	-	1K		00	ZZ	EA	IPP
12-19269-3[illegible]	.0000	RISKY, SEE PURCH, FILTER,FOAM 10.5PPM	NNNNNFY	N5	G	B	-	7B		04	ZZ	LB	IPP
12-19275-00	1.0000	KEYLOCK ASSY,PLASTIC	YNYYNNN	N4	G	B	-	7D	01N 8I	02	ZZ	EA	RAM
12-19277-01	.0000	SCREW, CAP, SOCKET HEAD 10-32 X 7/8	YNNYNFY	Y3	G	D	-	4I			ZZ	EA	RAA
12-19278-01	.0000	RISKY, SEE PURCH, TERM,QUICK .250TAB	YYNNNNN	N5	G	9	-	7Y			ZZ	EA	IPP
12-19281-00	.0000	RISKY, SEE PURCH, LAMP NEON W/RESISTOR FOR 105-230V	YNNYNNF	F4	G	9	-	5D		04	ZZ	EA	IPP
12-19283-00	.0000	FUSE, 1A 250V, LOW BREAKING CAPACITY,SURGE RESIST	FYYYNNY	Y2	G	D	-	2D	29G 2H	06	ZZ	EA	RAM
12-19283-01	.0000	FUSE, 1.25A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	J	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-02	.0000	FUSE, 1.6A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-03	.0000	FUSE, 2A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-04	.0000	FUSE, 2.5A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-05	.0000	FUSE, 3.15A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-06	.0000	FUSE, 4A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-07	.0000	FUSE, 5A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19283-08	.0000	FUSE, 6.3A 250V, LOW BREAKING CAPACITY,SURGE RESIST	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-00	.0000	FUSE, 1A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-01	.0000	FUSE, 1.25A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	10L 8D	06	ZZ	EA	RAM
12-19284-02	.0000	FUSE, 1.6A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-03	.0000	FUSE, 2A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-04	.0000	FUSE, 2.5A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-05	.0000	FUSE, 3.15A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-06	.0000	FUSE, 4A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-07	.0000	FUSE, 5A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19284-08	.0000	FUSE, 6.3A 250V, HIGH BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-00	.0000	FUSE, 1A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	1B	SEE 00	00	ZZ	EA	RAM
12-19285-01	.0000	FUSE, 1.25A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	50N 8B	06	ZZ	EA	RAM
12-19285-02	.0000	FUSE, 1.6A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-03	.0000	FUSE, 2A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-04	.0000	FUSE, 2.5A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-05	.0000	FUSE, 3.15A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-06	.0000	FUSE, 4A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-07	.0000	FUSE, 5A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19285-08	.0000	FUSE, 6.3A 250V, LOW BREAKING CAPACITY,QUICK ACT	YYYYNNY	Y2	G	D	-	2B	SEE 00	00	ZZ	EA	RAM
12-19287-01	.0000	SEAL,FLARELESS MALE	NNNNNNY	TE	R	E	-	9Z			ZZ	EA	RAM
12-19288-01	.0000	SEAL,FLARELESS MALE	NNNNNNY	TE	R	E	-	9Z			ZZ	EA	RAM
12-19293-01	.0000	RISKY, SEE PURCH, SW,SIP 4POS SV01C04A	NNNNNNN	N7	G	D	-	4F	87A 2C	10	ZZ	EA	IPP
12-19293-02	.0000	RISKY, SEE PURCH, SW,SIP 5POS SV01C05A	NNNNNNN	N7	G	D	-	4K	SEE 01	00	ZZ	EA	IPP
12-19293-03	.0000	RISKY, SEE PURCH, SW,SIP 8POS SV01C04A	NNNNNNN	N7	G	D	-	4K	SEE 01	00	ZZ	EA	IPP
12-19292-04	.0000	RISKY, SEE PURCH, SW,SIP 7POS SV01C04A	NNNNNNN	N7	G	D	-	4K	SEE 01	00	ZZ	EA	IPP

PURCHASED PARTS INDEX - WHAT ARE ALL THOSE COLUMNS FOR? (CONT.)

1. Part Number - A nine (9) character field number consisting of A; a basic part number and B; a variable identifier.

   A. Base Part Number - A seven (7) character field used to identify finished, manufactured and purchased items. This number is further divided into I; Inventory Class Code and II; Part Identifier.

      I. Inventory Class - is a two (2) character field used to identify the inventory class of an item.

      II. Part Identifier - is a five (5) character field used to identify a part within a given class. This number may be sequential or further divided to describe the item.

   B. Variable Identifier - Is a two (2) character field used to identify like items having variable characteristics possessing the same functional use or identifies part requiring a procured prefabricating process. (Note: A variable identifier of "GS" indicates a General Specification.)

   Example: P/N 12-12609-00

Inventory Class	Part Identifier	Variable Identifier
12	12609	00

   Example: P/N 12-12620-00 & -01

   Part Number 12-12620-00 Conn, Hsg, 8 pos, Crimp Snap-In
   Variation of P/N 12-12620-01 Conn, Hsg,12 pos, Crimp Snap-In

   (Note: Reference DEC Standard 12 for a detailed explanation of the Unified Numbering Scheme.)

2. Burdened Standard Cost - Is the estimated standard cost which is taken from the Part Number Request Form. The materials acquisition rate is then added to the estimated standard to arrive at the burdened standard cost.

3. Description - Is a fifty-two (52) character field which describes the part. This field can also be a key for other information, for instance:

   If "RISKY SEE PURCH" preceeds part description, the part is an In-Process Part Number (IPP). This is a warning to you that there is a problem(s) with this part. Contact IPP requestor before using or buying.

   A part number in parenthesis, i.e. (13-00001-GS), following the part description is the General Specification on which the part will be found.

Should a nine (9) preceed the description, a part number has been assigned but no documentation exists.

An asterisk (*) in the character thirty (30) location means it is a metric part.

- RAT (Rating) - Is the means by which a part's usage for new design preferability is measured. This is determined by the YES and NO answers given to the following seven (7) questions which appear on the part number request form (PNRF).

	QUESTION	ANSWERED BY
A.	Part is recommended for new design?	Component Engineering
B.	Part is compatible with DEC manufacturing processes?	Component Engineering
C.	Part is testable and an I.I. Proc. and test equipment are available?	Component Engineering
D.	Part has passed standard DEC qualification test or has had sufficient use to be considered qualified?	Component Engineering
E.	Released (approved) purchase specification exists?	Spec Control Systems
F.	Multiple approved sources exist?	Purchasing
G.	Part is recommended for new design?	Purchasing

The RATINGS field on the Purchase Parts Index depicts the Y(Yes) and N(No) answers to these seven (7) questions. Next to the RATINGS field is the two (2) character RQ (rating quantifier) field consisting of 1, the part Rating and 2, the Quantifier.

1. Part Rating is always one of the following letters:

   A. P - Part is preferred for new design. All seven (7) questions were answered YES.

   B. Y - Yes, part may be used in new design. Both questions A and G were answered by a YES and at least on (1) question B thru F answered NO.

   C. N - No, part may not be used in new design. Question(s) A and/or G was answered NO.

PURCHASED PARTS INDEX - WHAT ARE ALL THOSE COLUMNS FOR? (CONT.)

2. Quantifier

A. If two or more questions were answered NO, the quantifier will be a number representing the total of NO answered questions.

B. If only one question is answered NO, the quantifier will be letter of that question which was answered NO.

C. If all questions were answered YES, the quantifier will be 0. (These will always have a rating of PO.)

Examples:

NG - Part can't be used in new design. Purchasing did not recommend it.

N3 - Part can't be used in new design. There are three (3) problems with this part.

Y1 - Part may be used in new design, but part is single source.

Y2 - Part may be used in new design, but there are two (2) problems with this part.

(Note: The answers to all seven (7) questions, depicted by a Y or N, appear on the QVL for that part.)

5. EWS (Early Warning System) - Is a one (1) or two (2) character code which provides the user with advance knowledge of potential problems, i.e. UL, Metric, flamable, etc.

6. STAT (Status) - Is a code signifying the condition of the document.

STATUS CODE	MEANING
A	Specification is complete in every respect and is available for issuance.
B	An engineering drawing exists but may not in itself be a complete specification.
C	A specification exists in some form but is not approved (Preliminary).
D	A Part Number Request Form (PNRF) has been received by Spec Control Systems and a part number issued.
E	A part number was issued by Spec Control Systems but no specification has been written. Used with test equipment and CSS type parts.

I	An informational Part Number Request Form (PNRF) has been received by Specification Control.
N	No specification is or will be available because there is no use of this device.
Z	Specification has been obsoleted, replaced by or inactivated by an Engineering Change Order (ECO).
S	An Engineering Change Order (ECO) has been issued against the specification.
T	Specification has been typed but is not yet approved.

7. REV (Revision) - Is the current revision level of the document. Document revision levels are alpha characters assigned sequentially with an X depicting that the document is either OBSOLETED' REPLACED BY or INACTIVATED' Several other characters used in the revision level column are an asterist (*) meaning the document is being revised by an ECO and a dash (-) which means the document revision level is zero (0).

8. FCD (Functional Class Descriptor) - Is a two (2) character alpha numeric code which represents a component function. These codes are assigned to parts of similar function irrespective of part class code. This allows these functionally similar components to be grouped together in the Purchase Parts Index by FCD order. (Reference the FCD Appendix for complete listing of FCD codes.)

9. Fiche - Is a five (5) alpha numeric character field used to retrieve the document in the PSIS microfiche library. The first three (3) characters specify the fiche number of the microfiche card. The last two (2) designate a particular frame on the microfiche card.

10. PGS (Pages) - Is the number of pages in the document.

11. IN (Insertability) - Classifies the component as to its machine insertion characteristic or its sensitivity to trichlorethylene or detergent wash. (Reference 76-65228-0-0.)

12. UM (Unit Measure) - Identifies the unit by which the part is dispensed from stockroom. (Reference DEC Standard 137.)

13. TYP (Part Type) - Reference DEC Standards 12 and 137.

HOW TO FIND DOCUMENTS WITHIN THE PSIS

The following pages show specific examples for retrieving documents found within the PSIS. Keep in mind - the locations listed are subject to change at any time.

HOW TO FIND A PURCHASE SPECIFICATION BY DEC PART NUMBER

1. Using 12-05941-00 as an example; look at the Table of Contents Card for - "Purchase Spec Index" part number order; next, look at the class column for 12 Class.

2. The fiche location for 12 Class starts on 70A 1A.

3. Insert fiche 70A - locate frame 1A (xy coordinates).

4. As you look through the index, notice your number will be found on frame 4I (xy coor) (area underlined below), because it is between 12-05860-00 and 12-[illegible]-01.

008 DEC--CPM 10/24/81 INDEX TO PURCHASED PARTS LISTING

FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR
-00003-00	-- -014M1-02	1B	12-02234-00	-- 12-02934-00	3J	12-10403-00	-- 12-10493-32	6H
-01243-75	-- 00-RX01K-0E	1C	12-02968-00	-- 12-03348-00	4A	12-10493-39	-- 12-10568-05	6I
06-68401-03	-- [illegible]-30050-00	1D	12-03357-00	-- 12-03517-00	4B	12-10568-06	-- 12-10584-00	6J
10-00051-00	-- 10-01831-00	1E	12-03518-00	-- 12-04653-00	4C	12-10665-00	-- 12-10711-00	7A
10-01833-09	-- 10-02572-00	1F	12-04659-00	-- 12-04845-00	4D	12-10711-01	-- 12-10768-00	7B
10-02503-00	-- 10-05572-00	1G	12-04850-00	-- 12-05045-00	4E	12-10769-00	-- 12-10798-00	7C
10-05592-00	-- 10-09939-00	1H	12-05051-00	-- 12-05347-00	4F	12-10798-01	-- 12-10829-02	7D
10-09939-01	-- 10-10701-00	1I	12-05348-00	-- 12-05573-00	4G	12-10830-74	-- 12-10902-02	7E
10-10703-00	-- 10-11752-00	1J	12-05574-00	-- 12-05795-00	4H	12-10902-03	-- 12-10929-05	7F
10-11844-00	-- 10-13228-02	2A	12-05769-00	-- 12-05854-03	4I	12-10929-08	-- 12-10984-05	7G
10-13229-00	-- 10-13466-38	2B	12-05855-01	-- 12-05993-01	4J	12-10984-06	-- 12-11073-00	7H
10-13466-39	-- 10-14260-01	2C	12-05993-02	-- 12-09120-00	5A	12-11076-00	-- 12-11142-01	7I
10-14260-02	-- 10-15705-00	2D	12-09121-00	-- 12-09198-00	5B	12-11145-00	-- 12-11198-05	7J

5. Move to frame 4J and your number will appear in its sequential order (see underlined below).

REPORT 5800CT DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM PAGE 39

PART NO SEQUENCE CONSOLIDATED PURCHASED PARTS DATE 10/24/81

PART NUMBER	STANDARD COST	PART DESCRIPTION		RATINGS	RQ	EWS	ST	REV	FCO	FICHE	PGS	IH	U/M	TYP
12-05855-01	.0000	CONN TELE	BLOCK,QUICK CONN	YNNYYNN	N4		A	-	1J	01H 3A	01		EA	RAW
12-05855-02	.0000	CONN TELE	BLOCK,QUICK CONN	YNNYYNN	N4		A	-	1J	SEE 01	00		EA	RAW
12-05857-01	.6700	CONN TELE	PLUG	YNNYYNY	Y3		A	A	1J	01H 3G	03		EA	RAW
12-05857-02	.8800	CONN TELE	JACK	YNYYYYN	N2		A	A	1J	SEE 01	00		EA	RAW
12-05857-03	1.1700	CONN TELE	JACK	YNNYYNY	Y3		A	A	1J	SEE 01	00		EA	RAW
12-05916-00	.4100	LAMP CM2162		NNNYNNN	N6		N	-	5B	DOC NA		Y	EA	RAW
12-05917-00	5.6850	AIR FILTER 1/8 IPS 502-1		NNNYNNN	N5		N	-	7B	DOC NA			EA	RAW
12-05926-00	177.8000	MOTOR, LAMB FP8849		YNNYYNN	N3		A	-	6C	09D 5A	04	N	EA	RAW
12-05941-00	2.2000	SW,RKR 2P 3A MAINTAINED		YNYYYYY	Y6	Y	A	E	4A	45H 2G	02	N	EA	RAW
12-05942-00	58.2800	POWER STAT		YNNNNNN	N6		E	-	6J	11? 7C	01		EA	RAW
12-05944-00	34.9000	MOTOR,VACUUM-LAMB#115475		YXNYYNN	N3		A	D	6C	06H 8A	03		EA	RAW
12-05944-01	15.5100	/OBSOLETE		NNNNNNN	N7		Z	?	2?				EA	RAW
12-05945-00	38.6300	3--TACHOMETER	NO SPEC OR USE	NYNYNNN	N9		N	-	5Z	DOC NA			EA	RAW
12-05949-00	693.7500	P.S.	#ACME P559127	YYNYYNN	N3		A	A	9N	11K 5H	04		EA	RAW
12-05950-00	86.5800	CASTING, BEZEL FOR BIP		NYYYYNN	N3		B	A	7A	13D 2D	02		EA	RAW
12-05951-00	.5200	SPRING-7/16ODX.018X5/8TRUELENG		YXYYYNY	YF		A	-	9F	08D 4A	01		EA	RAW

6. Move across the page to the fiche column. The purchase specification for 12-05941 is located on 45H 2G and is 2 pages long (see PGS column).

7. Insert fiche 45H - locate frame 2G to view the first page of the Purchase Spec - move to frame 2H for Page 2. If the document had more than 2 pages they would continue 2I, 2J, etc.

INCOMING INSPECTION AND 766 ENGINEERING SPECIFICATION

1. Using 12-05941-0-1 as an example; refer to the table of contents card. both types of documents are in the same index which is on fiche 73A frame 1A.

2. Insert fiche 73A - locate frame 1A.

3. Find the number you want to view (example 12-05941-0-1). That number is located between 12-00013-G-S and 12-09169-0-1 or on frame 1H (see underlined below).

73F-INC INSP 10/24/81

INDEX TO INCOMING INSPECTION

FROM II NUM	XY COORD	FROM II NUM	XY COORD	FROM II NUM	XY COORD	FROM II NUM	XY COORD
10-00000-0-1	1B	12-2SPEC-0-1	3B	13-00001-0-1	5B	38-2SPEC-0-1	7B
10-00000-0-1	1C	12-2SPEC-0-1	3C	13-00004-0-1	5C	48-30037-0-1	7C
10-00000-0-1	1D	12-2SPEC-0-1	3D	13-00004-0-1	5D	76-65021-0-0	7D
10-00000-0-1	1E	12-2SPEC-0-1	3E	13-00008-0-1	5E	76-65047-0-0	7E
11-00001-0-1	1F	12-2SPEC-0-1	3F	13-2SPEC-0-1	5F	76-65073-0-0	7F
11-2SPEC-0-1	1G	12-2SPEC-0-1	3G	15-03100-0-1	5G	76-65099-0-0	7G
12-00013-G-S	1H	12-2SPEC-0-1	3H	16-09851-0-1	5H	76-65125-0-0	7H
12-09169-0-1	1I	12-2SPEC-0-1	3I	17-2SPEC-0-1	5I	76-65151-0-0	7I
12-10343-0-1	1J	12-2SPEC-0-1	3J	19-00002-0-1	5J	76-65177-0-0	7J
12-10484-0-1	2A	12-2SPEC-0-1	4A	19-00002-0-1	6A	76-65203-0-0	8A
12-10711-0-1	2B	12-2SPEC-0-1	4B	19-00002-0-1	6B	76-65224-0-0	8B
12-10855-0-1	2C	12-2SPEC-0-1	4C	19-00002-0-1	6C	76-65230-1-1	8C
12-11608-0-1	2D	12-2SPEC-0-1	4D	19-2SPEC-0-1	6D	76-65230-1-1	8D
12-12499-0-1	2E	12-2SPEC-0-1	4E	22-2SPEC-0-1	6E	76-65230-1-1	8E
12-13291-0-1	2F	12-2SPEC-0-1	4F	30-09200-0-1	6F	76-65230-1-1	8F
12-15479-0-1	2G	12-2SPEC-0-1	4G	30-11079-0-1	6G	76-65230-1-1	8G

4. Locate frame 1H. Your number will appear on this listing.

5. Locate the number and read across the page to the fiche column (see underlined below). Your document is on fiche 75A frame 5H.

REPORT SJ58CI

DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM

INCOMING INSPECTION LISTING

PAGE 7

DATE 10/24/81

II NUMBER *****	II DESCRIPTION ****	FICHE NP ST REV	**** *** PART NUMBERS REFERENCING II DOCUMENT *****
12-05348-0-1	28B PIN CONNECTOR BLOCK	77G 8F 07 A -	12-05348-00
12-05375-0-1	I.I. PROC. FOR MOM. SWR 54 (12-05375)	77F 1A 03 A -	12-05375-00
12-05941-0-1	I.I. PROC. FOR OPDT SWR 52 (12-05941)	75A 5H 03 A -	12-05941-00
12-09152-0-1	I.I. PROC. FOR CHASSIS SLIDE,TRAVEL	75F 2A 06 A -	

6. Insert fiche 75A - locate frame 5H for page 1, frame 5I for page 2, etc. The same procedure takes place when retrieving a 766 series document.

HOW TO FIND A DEC STANDARD

1. Using DEC Standard 003 as an example; look at the table of contents card fo the "DEC Standards" index. It begins found on fiche 00A frame 5A.

2. Insert fiche 00A - locate frame 5A.

3. Locate the DEC Standard needed (the example uses DEC Std. 003). It is on fiche 79A frame 1A (see underlined below).

CB04.4,RL01.29
Page \p of 6
30 December 1981

D E C S T A N D A R D S

STANDARD NO.	DESCRIPTION	FICHE LOC	REV
001 (Sec 0)	Digital Standards Systems	80H-3A	J
001 (Sec 1)	Documented Source of Information on Company Standards-Text	80H-4G	J
001 (Sec 2)	Documented Source of Information on Company Standards-Abstract	80H-6D	J
002	AC Power Wiring, Safety Grounding, Receptacle and Electrical Rating Information Requirements.	78J-5D	C
003	Drawing Hardware Manuals	79A-1A	C
003 (Sec 1)	Hardware Manuals Standard		OBS
003 (Sec 2)	Hardware Manuals Writer's Guide		OBS
004	Circuit Design Guidelines	81C-3A	06-19-70
006	Assigning Part Descriptions and Document Titles	80N-3D	A
007	Design Review Process	79A-3F	A
008	Project Scheduling System	79A-4G	A
009	Project Specification	79A-5G	A
010(Sec 0)	Engineering Documentation Checking: General Requirements	81E-5J	B
010(Sec 1)	Engineering Documentation Checking: Document Checklists	81E-6J	A
010(Sec 2)	Engineering Documentation Checking: Printed Circuit Checklist	79D-7D	A
011 OBS	Standard of Block Schematics (Use 056)		OBS
012(Sec 0)	Parts & Document Identifications Conventions & Digital Corporate Policy	80P-1A	F
012 (Sec 1)	Mnemonic Drawing Codes	80P-3B	J
012 (Sec 2)	Class Codes for Part Identifiers and Document Identifiers	80P-4J	H

4. Insert fiche 79A - locate frame 1A to retrieve the DEC Standard.

5. Move to frame 1B for Page 2, 1C for Page 3, etc.

HOW TO FIND QUALIFIED VENDOR(S) FOR A PART

1. Using 12-05941-00 as an example; look at the Table of Contents Card for the Qualified Vendor Listing (QVL) which is on fiche 00A frame 4A.

2. Insert 00A - locate frame 4A (example 12-09541-00) look under "DEC Part Number" column. This indicates that the number is found on fiche 55C frame 1A (see underlined below).

MJD01.03
17 MARCH 1981

QUALIFIED VENDOR LISTING

CLASS	DESCRIPTION	DEC PART NUMBER			CLIP CODE
10	CAPACITOR	10-00001-00	thru	10-17354-00	55A-1A
		10-17262-00	thru	END	55B-1A
11	DIODES	11-10570-00	thru	END	55B-1A
12	ELECTRO-MECHANICAL	12-00001-00	thru	12-05322-00	55B-1A
		12-05827-00	thru	12-10636-02	55C-1A
		12-10636-03	thru	12-12124-01	55D-1A
		12-12124-02	thru	12-13250-01	55E-1A
		12-13251-00	thru	12-14333-00	55F-1A
		12-14333-01	thru	12-14961-00	55G-1A
		12-14964-00	thru	12-17536-02	55H-1A
		12-17540-00	thru	END	55I-1A

3. Insert 55C - locate frame 1A. Number 12-05941-00 appears on frame 2D (see underlined below).

55C DEC--QVL 10/31/81 INDEX TO QUALIFIED VENDOR LISTING

FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR
12-05877-00	-- 12-05888-00	1I	12-09597-01	-- 12-09611-00	4G	12-10242-00	-- 12-10253-00	7E
12-05889-00	-- 12-05889-17	1J	12-09612-00	-- 12-09630-01	4H	12-10254-00	-- 12-10277-00	7F
12-05889-18	-- 12-05859-00	2A	12-09631-00	-- 12-09640-00	4I	12-10278-00	-- 12-10303-00	7G
12-05860-00	-- 12-05886-02	2B	12-09641-00	-- 12-09674-00	4J	12-10304-00	-- 12-10316-01	7H
12-05886-03	-- 12-05916-00	2C	12-09677-00	-- 12-09710-00	5A	12-10316-02	-- 12-10339-00	7I
12-05917-00	-- 12-05954-01	2D	12-09711-01	-- 12-09746-00	5B	12-10339-00	-- 12-10353-00	7J
12-05983-01	-- 12-09011-00	2E	12-09747-00	-- 12-09792-00	5C	12-10354-00	-- 12-10364-00	8A
12-09012-00	-- 12-09049-00	2F	12-09788-00	-- 12-09820-01	5D	12-10365-00	-- 12-10378-00	8B

4. Locate frame 2D. The QVL lists 2 vendors for this part. The QVL will also depicit vendor part numbers, etc. if available.

REPORT 5260CT DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM PAGE 169

OFFICIAL QUALIFIED VENDOR LISTING DATE 10/31/81

PART NUMBER / VENDOR CODE	QL	PART DESCRIPTION / VENDOR NAME	RATINGS RQ / VENDOR PART NUMBER	ENS	ST	FCD	EL NUMBER / UL FILE	UL GUIDE	CSA FILE NUM	OTHER	OTHER FILE NUM
12-05917-00 4168-000		AIR FILTER 1/8 IPS 502-1 WATTS REGULATOR CO	MANYMAN NS 502-1	N	79						
12-05923-00 5790-002		MOTOR, LAMB #PA849 LAMB ELECTRIC	YNNYMAN N3 PA849C	A	6C						
12-05941-00 414-000 3677-013		SW,RKR 2P 3A MAINTAINED STACKPOLE COMPONENTS CO AIRPAX ELECTRONICS INC	YNYYYF YB RS-50-PB-PC 55R-3	Y	A	4A	12-05941-0-1				
12-05947-00 2698-000		POWER STAT SUPERIOR ELECTRIC CO	YNMNNN N8 100-1320	I	6J						

HOW TO FIND AND USE FCD INFORMATION

1. Look at the Table of Contents Card for the FCD appendix. It is on fiche 00A frame 1A.

2. Insert 00A locate frame 1A - this is the index page of the FCD appendix. It is in alphabetical order by functional grouping. (See below)

FUNCTIONAL CLASS DESCRIPTOR CODES

BY FUNCTIONAL GROUPINGS

INDEX	X - Y COORDINATES
Capacitors	1B
Cabinets & Cabinet Accessories	1B, 1C
Cards, Labels, Tapes & Ribbons	1C
Cooling Devices & Accessories	1C
Crystals & Crystal Oscillators	1C
Diodes & Rectifiers	1D
Drills	1D
Electrical Devices	1D, 1E
Electrical Protectors	1E
Fabricated Components	1E, 1F
Fabrication Materials	1F
Integrated Circuits	1F, 1G, 1H, 1I
Interconnecting Devices	1I, 1J
Kits	1J
Mechanical Assembly Components	2A, 2B, 2C
P. C. Boards	2C
Peripheral Equipment	2C, 2D, 2E
Positioning Controls/Sensors	2E
Power Transmission Components	2E
Relays	2F
Resistors	2F
Storage & Furniture	2F, 2G
Switches	2G

3. Using relays as an example (see underlined above) go to frame 2F. Here you will find all FCD codes pertaining to relays. (See below)

Functional Class Descriptor (FCD) Codes by Functional Groupings — Page 13

RELAYS

	FCD
Relays, Dry Contact	3A
Relays, Mercury Displacement	3B
Relays, Mercury Wetted	3C
Relays, Reed	3D
Relays, Time Delay	3E

If you wanted to view all parts under the category of dry contact relays, for example, the FCD is 3A.

[illegible] IND [illegible]D USE FCD INFORMATION (CONT.)

1. Look at the Table of Contents Card under 'Purchase Parts Index" FCD order. [illegible] FCD 3A, insert fiche 71H and locate frame 1A.

2. FCD 3A begins on frame 1G and is continued on 1H and 1I (See underlined below).

FROM FCD		TO FCD	IT CODE
FCD 2B	—	FCD 2B	1B
FCD 2C	—	FCD 2D	1D
FCD 2E	—	FCD 2F	1F
FCD 30	—	FCD 32	1G
FCD 33	—	FCD 33	1H
FCD 34	—	FCD 34	1J
FCD 35	—	FCD 35	1K
FCD 36	—	FCD 36	1L
FCD 37	—	FCD 37	1M
FCD 38	—	FCD 38	1N
FCD 39	—	FCD 39	1P
FCD 3A	—	FCD 3A	1Q
FCD 3B	—	FCD 3C	1R
FCD 3D	—	FCD 3D	1S
FCD 3E	—	FCD 40	2A
FCD 41	—	FCD 41	2B
FCD 42	—	FCD 42	2C
FCD 43	—	FCD 43	2D
FCD 44	—	FCD 44	2E
FCD 45	—	FCD 45	2F
FCD 46	—	FCD 46	2G
FCD 47	—	FCD 47	2H
FCD 48	—	FCD 48	2J
FCD 49	—	FCD 49	2K
FCD 4A	—	FCD 4A	2L
FCD 4B	—	FCD 4B	2M
FCD 4C	—	FCD 4C	2N
FCD 4D	—	FCD 4D	2P
FCD 4E	—	FCD 4E	2Q
FCD 4F	—	FCD 4F	2R
FCD 4G	—	FCD 4G	2S
FCD 4H	—	FCD 4H	3A
FCD 4J	—	FCD 4J	3B
FCD 4K	—	FCD 4K	3C
FCD 4L	—	FCD 4L	3D
FCD 4M	—	FCD 4M	3E
FCD 4N	—	FCD 4N	3F
FCD 4P	—	FCD 4P	3G
FCD 4Q	—	FCD 4Q	3H
FCD 4R	—	FCD 4R	3J
FCD 4S	—	FCD 5A	5A
FCD 5A	—	FCD 5B	5B
FCD 5B	—	FCD 5B	5C
FCD 5C	—	FCD 5C	5D
FCD 5D	—	FCD 5C	5E
FCD 5E	—	FCD 5F	5F
FCD 5F	—	FCD 5G	5G
FCD 5G	—	FCD 5H	5H
FCD 5H	—	FCD 5J	5J
FCD 5J	—	FCD 5K	5K
FCD 5K	—	FCD 5L	5L
FCD 5L	—	FCD 5M	5M
FCD 5M	—	FCD 5N	5N
FCD 5N	—	FCD 5P	5P
FCD 5P	—	FCD 5Q	5Q
FCD 5Q	—	FCD 5R	5R
FCD 5R	—	FCD 5S	5S
FCD 5S	—	FCD 6A	6A
FCD 6A	—	FCD 6A	6B
FCD 6A	—	FCD 6A	6J
FCD 6A	—	FCD 6A	7A
FCD 6A	—	FCD 6B	7B
FCD 6B	—	FCD 6C	7C
FCD 6C	—	FCD 6D	7D
FCD 6E	—	FCD 6H	7E
FCD 6H	—	FCD 7A	7F
FCD 7B	—	FCD 7B	7G
FCD 7B	—	FCD 7B	7H
FCD 7B	—	FCD 7B	7J
FCD 7B	—	FCD 7C	8A
FCD 7C	—	FCD 7D	8B
FCD 7D	—	FCD 7D	8C
FCD 7D	—	FCD 7D	8D
FCD 7D	—	FCD 7D	8E

3. Locate frame 1G. Here you will find a list in description order of a dry contact relay FCD 3A (see below). Frame 1H and 1I would continue this list.

12-01176-00	2.1000	9--CONN RCP 24P NO SPEC OR USE	
12-01269-00	8.3400	9--CONTACTOR 30AMP SPEC OR USE	
12-01418-00	7.0100	9--RELAY 24A 1 SVMP SPEC OR USE	
12-03357-00	5.2200	9--RLY 115A12VDC SPEC OR USE	
12-07552-00	9.1600	9--RLY .4M 230VDC SPEC OR USE	$$$$$$$$$
12-01922-00	53.2800	9--RLY 2P9PIN12VDC SPEC OR USE	
12-02170-00	15.9100	9--RLY 3P 15VDC SPEC OR USE	
12-02618-00	18.7600	9--RLY 6MA 230V NO SPEC OR USE	
12-02897-00	7.7000	9--RLY 6AP 115C NO SPEC OR USE	
12-04619-00	34.8800	9--RLY#72ADZ10ISMO SPEC OR USE	
12-03447-00	8.3500	9--RLY#MGSM 509AMP SPEC OR USE	
12-04817-00	18.8600	9--RLY#FDA1349 NO SPEC OR USE	
12-02708-00	11.1800	9--RLY3P	
12-12138-00	4.7800	CONTACTOR,14PIN DIP,IC	
12-12258-01	4.7800	CONTACTOR,14PIN DIP,IC	
12-17617-00	.0000	HOLD DOWN SPRING FOR 12-17635-00	
90-09552-00	.0000	RCPT, BRD MNT, MOD.I .038X.092	
20-339 [illegible]	.0000	RELAY 115V KP	
24-11504-00	22.2000	RLY, 8PDT	
12-11970-00	16.6700	RLY, 3MA DPDT FRANS.DRIVEN TOS	
24-13014-00	.0000	RLY, DPDT 3VA	
12-12514-02	.0000	RLY, PNP, 12V COIL, SDPT, 2A DIP	
12-12192-00	27.7500	RLY,10A,[illegible],SOLID STATE	
12-15600-[illegible]	14.3100	RLY,ELEC-MECH,7.5V COIL,DPDT	
12-15331-[illegible]	14.3100	RLY,ELEC-MECH,7.5V COIL,DPDT	
12-16[illegible]-00	3.7200	RLY,FLAIBACK PC BRD,24V COIL,DPDT, 2A	
12-19[illegible]-00	17.1800	RLY,G.P, 10MACOIL,DPDT,10A,8PIN OCTAL	
12-14[illegible]-00	5.0600	RLY,G.P., 4PDT,10A	
12-07[illegible]-00	49.3500	RLY,G.P., COIL,DPDT,	
12-13[illegible]-00	4.7700	RLY,G.P., 5V COIL	
12-[illegible]	.0000	RLY,G.P., 5V COIL,4PDT,PC MTD	
12-[illegible]	3.4900	RLY,G.P., 5V COIL,SPST, 1A	
12-[illegible]	4.7700	RLY,G.P., 6V COIL	
12-[illegible]	3.2000	RLY,G.P., 6V COIL,3PDT,10A	
12-10351-00	3.7700	RLY,G.P., 6V COIL,4PDT,	
12-11129-00	3.6800	RLY,G.P., 6V COIL,DPDT, 2A	
12-[illegible]	2.9900	RLY,G.P., 6V COIL,DPDT, 5A	
12-[illegible]	2.4000	RLY,G.P., 6V COIL,DPDT, 5A	
12-10643-00	3.2500	RLY,G.P., 12V COIL,3PDT,10A	
12-09707-00	3.8300	RLY,G.P., 12V COIL,4PDT, 2A	
12-[illegible]	5.0500	RLY,G.P., 12V COIL,4PDT, 2A	
12-[illegible]	4.2100	RLY,G.P., 12V COIL,DPDT, 5A	
12-[illegible]	4.7700	RLY,G.P., 12V COIL,DPDT, 5A	

[illegible]	1B		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1C		E	-	3A	DOC	MA		EA	[illegible]
[illegible]	1D		E	-	3A	DOC	MA		EA	[illegible]
[illegible]	1E		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1F		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1G		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1H		E	-	3A	DOC	MA		EA	[illegible]
[illegible]	1J		I	-	3A	11E	3D	01	EA	[illegible]
[illegible]	1K		N	-	3A	DOC	MA	J	EA	[illegible]
[illegible]	1L		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1M		N	-	3A	DOC	MA	M	EA	[illegible]
[illegible]	1N		N	-	3A	DOC	MA		EA	[illegible]
[illegible]	1P		E	-	3A	DOC	MA	N	EA	[illegible]
[illegible]	1Q	R	E	-	3A				EA	[illegible]
[illegible]	1R	R	E	-	3A				EA	[illegible]
[illegible]	1S	R	E	-	3A				EA	[illegible]
[illegible]	1T	R	E	-	3A				EA	[illegible]
[illegible]	1U		N	-	3A	DOC	MA	00	EA	[illegible]
[illegible]	1C	G	E	-	3A				EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1C	G	E	-	3A			02	EA	[illegible]
[illegible]	1F	G	A	9	3A	SEE	3D	05 ZZ	EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1E	G	E	-	3A				EA	[illegible]
[illegible]	1E	G	E	-	3A				EA	[illegible]
[illegible]	1Z	G	A	8	3A	5HQ	5F	05	EA	[illegible]
[illegible]	1E	R	E	-	3A			02 ZZ	EA	[illegible]
[illegible]	1Z	U	A	-	3A	29A	1A	04	EA	[illegible]
[illegible]	1J		I	-	3A	11E	3C	01 N	EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1H	G	D	-	3A	90C	1C	08 ZZ	EA	[illegible]
[illegible]	1E	J	E	-	3A				EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1C	U	A	M	3A	SEE	9D	00 N	EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1Z	A	A	A	3A	35H	1B	02 N	EA	[illegible]
[illegible]	1C	J	A	C	3A	SEE	6D	00 N	EA	[illegible]
[illegible]	1C	G	A	A	3A	SEE	3D	00 N	EA	[illegible]
[illegible]	1D	U	A	M	3A	38A	1D	02 N	EA	[illegible]
[illegible]	1Z		B	-	3A	08J	5H	01 N	EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]
[illegible]	1Z	G	A	C	3A	32A	7E	01 N	EA	[illegible]
[illegible]	1E	R	E	-	3A				EA	[illegible]

HOW TO FIND AND USE THE PURCHASED PARTS LISTING BY VENDOR NAME

1. Look at the Table of Contents Card for the PPL by Vendor Name Index. The index is found on fiche 00A frame 4C.

2. Insert fiche 00A, locate frame 4C. This is a manually generated index by vendor name in alphabetical order.

3. Using Advanced Micro Devices as an example vendor - it is located somewhere between names Amp Inc. and All Stainless Inc. on fiche number 63B (See underlined below).

PURCHASED PARTS LISTING BY VENDOR NAME

VENDOR NAME	CLIP CODE
3M Deutschland GMBH thru AMP Inc.	63A
AMP Inc. thru All Stainless Inc.	63B
All Stainless Inc. thru Amatom Electric Hardware	63C
Amatom Electric Hardware thru Astrofoam Inc.	63D
Astrofoam Inc. thru Tesco Fastening Service Center	63E
Tesco Fastening Service Center thru Brand Rex Co.	63F
Brand Rex Co. thru CP Clare Electronique	63G
CP Clare Electronique thru Chomerics Inc.	63H
Chomerics Inc. thru Computer Fabrication	63J
Computer Fabrication thru Dale Electronics Inc.	63K
Dale Electronics Inc. thru Digital Equipment Corp.	63L
Digital Equipment Corp. thru Electron + Fastners Inc.	63M
Electronic Fasners Inc. thru Fairchild Semiconductors	63N
Fairchild Semiconductors thru General Instruments Inc.	63P
General Instruments Inc. thru Hi-Tek Corp.	63Q

4. Insert microfiche card 63B, locate frame 1A. The Data on Advanced Micro Devices begins on frame 6B and is continued on 6C, 6D, etc. (See underlined below).

63B DSC-00VNA 10/24/81 INDEX TO PURCHASED PARTS LISTING BY VENDOR NAME

FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR	FROM PART	TO PART	XY COOR
A M P OF CANA	-- A P PRODUCTS	3A	ADMIRAL METAL	-- ADMIRAL METAL	5E	AIRPAX ELECTR	-- AIRPAX ELECTR	8G
A P PRODUCTS	-- A P PRODUCTS	3B	ADMIRAL METAL	-- ADVANCE MACHI	5J	AIRPAX ELECTR	-- AKRO-MILS INC	8H
A P PRODUCTS	-- A V X CERAMIC	3C	ADVANCE MFG C	-- ADVANCED HEAT	6A	AKRO-MILS INC	-- ALCO ELECTRON	8I
A V X CERAMIC	-- A V X CERAMIC	3D	ADVANCED HEAT	-- ADVANCED MICR	6B			
A V X CERAMIC	-- A V X CORP	3E	ADVANCED MICR	-- ADVANCED MICR	6C			
A V X CORP	-- A V X CORP	3F	ADVANCED MICR	-- ADVANCED MICR	6D			

5. All parts that Advanced Micro Devices is qualified for are listed starting on 6B and is continued on 6C, etc.

REPORT 5283CI DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM PAGE 129
PURCHASED PARTS LISTING BY VENDOR NAME DATE 10/24/81

PART NUMBER	DESCRIPTION	FCD	VEND NUM	VENDOR NAME	SOURCE INFO	VENDOR P/N
ADVANCED HEAT TREATING CORP	IS A QUALIFIED VENDOR FOR THE FOLLOWING PARTS					
74-21084-01	CLIP HSG RETAINER		30592-000	ADVANCED HEAT TREATING C	MULTIPLE SOURCE	
ADVANCED MICRO DEVICES	IS A QUALIFIED VENDOR FOR THE FOLLOWING PARTS					
19-19033-01	DAC.COMPANDING	K1	5-000	ADVANCED MICRO DEVICES	MULTIPLE SOURCE	AM6070DC
19-09875-00	306 VOLT.COMPARATOR	K2	5-000	ADVANCED MICRO DEVICES	MULTIPLE SOURCE	
19-19168-00 AM	687DL VOLT.COMPARATOR,D	K2	5-000	ADVANCED MICRO DEVICES	MULTIPLE SOURCE	AM687DL

HOW TO FIND AND USE THE PURCHASED PARTS LISTING BY VENDOR PART NUMBER

1. Look at the Table of Contents Card for the PPL by Vendor Part Number Index. It is found on fiche 00A frame 4E.

2. Insert 00A, locate frame 4E. As an example - you are looking for a switch (12 Class) that has a vendor part number "006". The listing that appears is by class. Your part is 12 Class (switches) so you look for 12 Class and find it to start on 60B 5G. (See underlined below).

MJB01.07
R 502.09
01 JUNE 1981

PURCHASED PARTS LISTING BY VENDOR PART NUMBER

CLASS	INFO CODE
10	60A-1D
11	60B-3F
12	60B-5J
13	60F-2J
14	60J-1B
15	60J-1G
16	60J-3D
17	60J-7D
18	60K-1B
19	60K-2E
20	60L-2F
21	60L-2G
22	60L-4G
23	60L-4H

3. Insert fiche 60B, locate frame 5G. This begins your listing by Vendor part number for Class 12. The vendor part number is in numeric order. The number is sorted by left justification, meaning the first digit of the vendor part number is most important, i.e. 005-10-5109H will list before "006". Your number (006) does not appear here so move to the next frame and so on until you find it. Once located, you will notice that the corresponding DEC part number is listed, as well as, the vendor for that part number and whether it is single or multiple source. (See underlined below).

EARLY WARNING SYSTEM (EWS) CODE APPENDIX

EWS	MEANING
A	PART IS SUITED FOR EQUIPMENT MANUFACTURED IN USA ONLY
B	TOOLING CHARGE HAS BEEN PAID TO VENDOR
C	PART IS IDENTIFIED BY SEVERAL DC PART NUMBERS
D	01 VARIATION IS A VALID SUBSTITUTE
E	PART MUST MEET SPEC 13-00001-GS WHICH MAY EXCEED RN REQUIREMENTS
F1	PART IS NOT FLAMMABILITY APPROVED. CONSULT COMPONENT ENGINEERING BEFORE USING
F2	PART HAS UL & CSA FLAMMABILITY APPROVAL
F3	PART HAS UL FLAMMABILITY APPROVAL ONLY
F4	PART HAS CSA FLAMMABILITY APPROVAL ONLY
G	DO NOT CHANGE VENDORS WITHOUT CONSULTING RESPONSIBLE ENGINEER
H	PART IS IN METRIC DIMENSION
J	DEPARTMENT OF TRANSPORTATION REGULATED HAZARDOUS MATERIAL. SEE HAZARDOUS MATERIAL MANUAL
K	DANGEROUS SUBSTANCE - NOT DEPARTMENT OF TRANSPORTATION REGULATED. SEE PURCHASE SPEC
*L	LOW VOLUME PART
*M	RISK MANAGED PART
N	FOR VENDOR INFORMATION SEE BASE DEVICE
P	EXCEPTION TO BASE DEVICE USE VENDORS LISTED
R	TEST EQUIPMENT PART - NOT FOR VOLUME MANUFACTURING
S	TOOLING CHARGE HAS BEEN PAID TO VENDOR. CUSTOM PART FOR DEC
T	PART VALUES SHALL NOT BE CHANGED
U	UL PERMISSION REQUIRED TO CHANGE VENDOR OR VENDOR PART NUMBER
V	BUY PART ONLY FROM UL CERTIFIED VENDOR
W	MATERIAL USED SHALL BE MADE BY UL CERTIFIED VENDOR
X	CUSTOM PART FOR DEC

* These are not stand alone codes. They are precedents to be used in combination with EWS codes, C, D, G, & X, i.e. LC, MG, etc.

Z [illegible handwriting]