

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 AR
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 AP
Capacitors, RFI Suppression AN
Capacitors, Single Ended Aluminum Electrolytic AR
Capacitors, Variable AP

CABINETS & CABINET ACCESSORIES

Bezels, Die Casted QS
Bezels, Injection Molded 7I
Bezels, Sand Casted QR
Cabinets SA
Casters 7J
Clamps, Cable QR
Clamps, Dakota QR
Clamps, Worm Gear QR
Covers SR
Door Hardware 7D
Feet 7J
Glass SR
Guides, Card 7H
Housings SA
Logos 7F
Wire Form Products 7C

CARDS, LABELS, TAPES & RIBBONS

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

CHEMICALS

Adhesives, Potting, Bonding Systems YA
Anodes YR
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
Thermoelectric Cooler.....	6Z

CRYSTALS & CRYSTAL OSCILLATORS

Crystals	JA
Oscillators, Crystal	JB

DIODES & RECTIFIERS

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

DRILLS

Drills	DA
--------------	----

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, CM 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	5F
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	2D

FABRICATED COMPONENTS (MISC.)

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

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	TR
Rectangulars	TC
Rounds	TD
Sheet Stock Raw Material (48-88888-06)	TZ
Squares	TF

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	K0
Hall Effect	KE
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
S, 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.....	KQ6
MOS, DYN Memory..	KF
4K Dram.....	KE1
16K Dram.....	KF2
64K Dram.....	KF3
256K Dram.....	KF4
1 Mega Dram.....	KF5
MOS, Static Memory.....	KD
EPROM.....	KD1
ROM.....	KD2
RAM.....	KD3
EEPROM.....	KD4
Multiplexer, Analog	K3
Multiplier	K8
Obsolete Logics	PZ
Sense Amp	K5
Switch, Analog	K3
Voltage Regulators	KB

INTEGRATED CIRCUITS

MSI/SSI

MSI/SSI ALS (PRODUCT TO BE DEFINED)	ME
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	MR
MSI/SSI TTL 74XX	MA
MSI/SSI TTL 74SXX	MD

INTERCONNECTING DEVICES - ELECTROMECHANICAL DEVICES

Blocks, Terminal	1K
Connectors, Backplane	1A
Connectors, Card Edge	1C
Connectors, Coax	1B
Connectors, D Subminiature	1D
Connectors, H800 Series	1A
Connectors, High Voltage	1D
Connectors, Insulation Displacement (IDC)	1N
Connectors, Jones	1E
Connectors, Mate-N-Lock	1F
Connectors, PCB Header	1M
Connectors, Pin & Socket Crimp to Wire	1O
Connectors, Power	1H
Connectors, Rack & Panel	1G
Connectors, Telephone	1J
Connectors, Test	1L
Connectors, Z I F	1O
Jumpers	1L

17

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	11B
------------	-----

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	9F
Couplings	8F
Door Hardware	7D
Eyebolts	1J
Eyelets	7F
Feet	7J
Ferrules	7T
Filters, Foam	7B
Flanges	8K
Foam Pads	8F
Fuses	7B
Fuse Holders	7B
Gaskets	7K
Gears	8H
Glass	8B
Grommets	7S
Ground Strap	9D
Guides, Card	7H
Guides, Misc.	7H
Heat Sinks	9C
Holdere	6A
Holddowns	6A
Housings	5A
Inserts	7T
Keycaps; Sculpt.	XA
Keycaps; Stepped	XB
Knobs	9A

MECHANICAL ASSEMBLY COMPONENTS (CONTINUED)

Lamps, Indicator	5R
Lamps, P.C. Mount	5R
Lamps, Panel	5R
Magnets	7F
Manifolds	7D
Molded Parts, Injection Molded	7E
Molded Parts, Structural Foam	9T
Molded Parts, Vacuum Formed	9H
Mounting Hardware, Component	6A
Nuts	7H
Pins (Excluding Connector Pins)	7V
Pulleys	8R
Quarter Turn Fasteners	7R
Quarter Turn Receptacle Studs	7P
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	9J
Shock Mounts	8C
Sleeve, Solder	7Z
Spacers	9L
Spindles	9F
Springs	9F
Sprockets	8H
Standoffs	9G
Strain Reliefs	9G
Studs	7X
Supports	6A
Tape, Adhesive	9J
Terminals, Electricals	7Y
Tractors	9M
Unclassified Mechanical	9Z
Washers	9H
Wire Form Products	7G
<u>OBSOLETE PARTS</u>	2Y

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	VR
Carton, Full Overlap	VC
Carton, Regular Slotted	VA
Carton, Telescope	VD
Crate, Wood	VN
Die Cut	VJ
Die Cut, Laminated W/Foam	VI
Divider, Corrugated	VS
Dunnage	VII
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, Snipping, 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	QU
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	QC
Paper Tape Readers	QC
Peripheral Equipment Components, Mechanical	QY

PERIPHERAL EQUIPMENT CONTINUED

Plotters (excluding printer plotters)	QH
Power Supplies	QN
Print Wheels	OH
Printer Plotters	OJ
Scanners	OR
Surfaces	OS
Tape, Magnetic	OS
Tape, Paper	OC
Transducers	OR

PHOENIX CONTROLLED PARTS 7A

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	RB
Roller Assy (including pinch)	RL
Shock Mounts	RC
Spindles	RE
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.....	FP
*ML Fine Line Other.....	FT

PRINTED WIRING BOARDS CONTINUED

*ML Fine Line Quad.....	FO
*ML High Density Dual (Half Quad).....	PK
*ML High Density Ex-Hex.....	FN
*ML High Density Hex.....	EL
*ML High Density Other.....	FO
*ML High Density Quad.....	FM
MSL Backpanel.....	EY
MSL Ex-Hex.....	FU
*MSL Other.....	FV
*Print & Etch Hex; Quad; Other.....	FA
Standard Backpanel.....	FW
*Standard Density Hex.....	FC
*Standard Density Other.....	FE
*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

<u>REPLACED BY PARTS</u>	ZZ
--------------------------------	----

RESISTORS

Potentiometers	DD
R-C Networks	DF
Resistor Networks	DF
Resistor, Carbon Film	DI
Resistor, Carbon Composition	DA
Resistor, Chip	DE
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
Keypress Arrays	4I
Keypresses	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	4R
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)	4F

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 < 25A.....	GX
Inductors, Variable (Tuning, Slug Core Type)	GD
Transformers, Base Drive	GV
Transformers, Bias (Start up) 50/60HZ, < 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).....	GJ
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.....	GR

TRANSISTORS

FET, N Channel	FJ
FET, P Channel	FK
General Purpose Amps, NPN < 6 Watts.....	FB
General Purpose Amps, PNP < 6 Watts.....	FF
Transistor, Power, NPN > 6 Watts.....	FC
Transistor, Power, PNP > 6 Watts.....	FF
Transistor, Switching, NPN < 6 Watts.....	FA
Transistor, Switching, PNP < 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	HI
Cable Assy	HJ
Cable Wrap	HX
Cable, Coax	HL
Cable, Flexible	HM
Cable, Misc.	HJ
Cable, Multiconductor Round	HK
Cable, Ribbon (excluding coax)	HN
Power Cord	HP
Power Cord, Terminated	HP
Stringing Needles	HV
Tubing, PVC	HS
Tubing, Shrinkable	HT
Tubing, Teflon	HU
Wire, Bus (no insulation)	HI
Wire, Misc.	dJ
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	HC
Wiremold	HW

QUALIFIED VENDOR LISTING

<u>CLASS</u>	<u>DESCRIPTION</u>	<u>DEC PART NUMBER</u>	<u>FICHE LOC</u>
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
		11-141G3-01 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	55N-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
		14-00011-2J 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-B0 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
36	LABELS AND TAPES	34-16013-00 thru END	57A-1A
		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 thru END	57E-1A
48	RAW FAB MATERIALS	48-20006-06 thru 48-50023-06	57E-1A
		48-50022-07 thru END	57F-1A
49	CHEMICALS	49-01513-03 thru END	57F-1A
57	HYBRIDS	57-00005-01 thru END	57F-1A

<u>CLASS</u>	<u>DESCRIPTION</u>	<u>DEC PART NUMBER</u>	<u>FICHE LOC</u>		
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 74-30430-02	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		

PURCHASE PARTS LISTING BY VENDOR NAME

<u>VENDOR NAME</u>	<u>FICHE LOC</u>
A & A Mfg Co Inc thru AMP Inc.....	63A
AMP Inc thru Air Cooling T.....	63B
Air Cooling T thru Allmetal Screw.....	63C
Allmetal Screw thru Arco Electron.....	63D
Arco Electron thru Barry Control.....	63E
Barry Control thru Bourns Inc.....	63F
Bourns Inc thru Brand-Rex Ltd.....	63G
Brand-Rex Ltd thru Camcar Textro.....	63H
Camcar Textro thru Cherokee Spec.....	63J
Cherokee Spec thru Comptec Intl.....	63K
Comptec Intl thru Concord Elec.....	63L
Concord Elec thru Corning Glass.....	63M
Corning Glass thru Dale Electron.....	63N
Dale Electron thru Design Mark 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 LTD.....	64F
Hi-Tol LTD thru Hitachi Cable.....	64G
Hitachi Cable thru ITT Surpren.....	64H
ITT Surpren thru IMHOF-BEDCO S.....	64J
IMHOF-BEDCO S thru Intl Packaging.....	64K
Intl Packaging thru Judd Wire.....	64L
Judd Wire thru Kyocera Intl.....	64M
Kyocera Intl thru Lewis Screw M.....	64N
Lewis Screw M thru M F Electroni.....	64P
M F Electroni thru Matsushita El.....	64Q
Matsushita El thru Mepco/Electra.....	65A
Mepco/Electra thru Mideast Alumni.....	65B
Mideast Alumni thru Mostek Corp.....	65C
Mostek Corp thru Murata Erie E.....	65D
Murata Erie E thru Naugler Enjin.....	65E
Naugler Enjin thru Onai Industri.....	65F
Onai Industri thru Penn Engineer.....	65G

PURCHASED PARTS LISTING BY VENDOR NAME

<u>VENDOR NAME</u>	<u>FICHE LOC</u>
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 Engr.....	66G
W F Wood Engr thru (END).....	66H

MFICH.3
08 APR 1985

PURCHASED PARTS LISTING BY VENDOR PART NUMBER

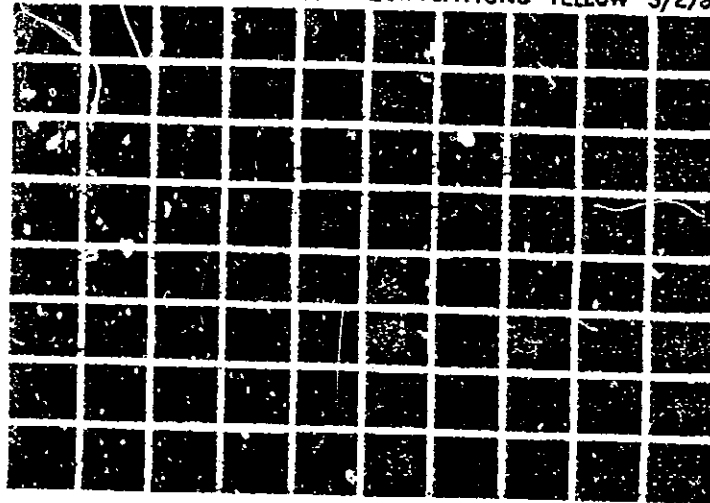
<u>CLASS</u>	<u>FICHE LGC</u>
10	60A-1D
11	60B-7D
12	60C-2C
13	60G-4A
14	60M-8A
15	60N-1A
16	60N-3A
17	60P-1B
18	60P-3B
19	60P-5A
20	61A-1J
21	61A-2B
22	61A-6A
23	61A-6C
24	61B-1A
26	61B-1J
30	61B-2B
34	61B-5A
36	61B-5C
47	61E-7D
48	61B-7F
49	61B-7I
74	61C-2E
90	61C-2G
91	61E-3B
99	61E-6A

PSIS

PURCHASE
SPECIFICATION
INFORMATION
SYSTEM

USER MANUAL

OIA-003 PURCHASE SPECIFICATIONS YELLOW 3/2/81



MICROFICHE DATA BASE
SYSTEM

DESIGNED AND PREPARED BY
SPECIFICATION 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.

7

TABLE OF CONTENTS

Forward	1
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.
	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

<u>GROUP</u>	<u>PRODUCED VIA</u>
<u>I. PURCHASE SPECIFICATIONS</u>	
A. Preliminary Purchase Spec	Source
B. Approved Purchase Spec	Source
C. Purchase Spec ECO	Source
D. Part Number Request Form	Source
<u>II. D E C STANDARDS</u>	
A. Engineering and Documentation Standard	Source
<u>III. SUPPORTIVE PURCHASE SPEC DOCUMENTS</u>	
A. Incoming Inspection Procedures	Source
B. 766 Quality Related Engineering Specs	Source
C. Index to I. I.'s and 766 Series	COM
<u>IV. MASTER PARTS FILE (Weekly)</u>	
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	
<u>V. QUALIFIED VENDOR LISTING (Bi-Weekly)</u>	
A. QVL Listing by DEC Part Number	COM
<u>VI. PURCHASED PARTS LISTING (Monthly)</u>	
A. PPL by Vendor Name	COM
B. PPL by Vendor Part Number by Class	COM

INDEXES TO THE PSIS SYSTEM

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)

(INSERT DATA.....LOCATE FRAME 1A
PLEASE NOTE: THIS WILL LOCATE A FRAME FOR INDEXED
FICHE retrieval, whereas yours is manual, however,
instruction explanations are still applicable.)

TABLE OF CONTENTS

INDEXED	FICHE	LOCATION	INDEXES	FICHE
PURCHASE SPEC INDEX	CLASS	CLASS		LOCATION
PART NUMBER ORDER	70A-1A	10-12	OFFICIAL QUALIFIED VENDOR	70A-1A
	710-1A	12-12	LISTING BY DEC PART NUMBER	70A-1A
	70C-1A	12-14		
	70D-1A	13-23	PURCHASED PARTS LISTING BY	
	70E-1A	23-30	VENDOR NAME	70A-1C
	70F-1A	10-49		
	70G-1A	49-74	PURCHASED PARTS LISTING BY	
	70H-1A	74-74	VENDOR PART NUMBER	70A-1D
	70I-1A	74-74		
	70J-1A	74-74	QUALITY RELATED ENG. SPECS	
	70L-1A	74-80	768 SERIES	71F-1A
	70M-1A	90-91	INCLUDING IDENTIFICATION	
	70N-1A	91-99	PROCEDURE	71F-1A
	70P-1A	99-99		
DESCRIPTION ORDER	70P-1A	10-12		
	70Q-1A	12-12	DEC STANDARD	70A-1A
	71A-1A	12-14		
	71B-1A	14-23	FCD APPENDIX	71A-1A
	71C-1A	23-10		
	71D-1A	10-49		
	71E-1A	49-90	ENG APPENDIX	70A-1A
	71F-1A	70-99		
	71G-1A	99-99	PART NUMBER REQUEST FORM	
P C O INDEX	71H-1A	10-27	SIGNATURE AUTHORITY	70A-1A
	71I-1A	27-26		
	71J-1A	26-26		
	71L-1A	00-23		
	71M-1A	23-20		

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 SEBOOCT		DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM							DATE	10	24	71			
PART NO SEQUENCE	STANDARD COST	1-PART DESCRIPTION	RATINGS	QTY	ENG	ST	REV	PCD	FIGHE	PGS	10	U/M	1PP		
		CONSOLIDATED PURCHASED PARTS													
12-19230-00	.0000	RISKY, SEE PURCH. LORN.COAX	LINE PLUG RGSP	NNNNNN	N4	G	0	-	18	318	90	01	22	EA	1PP
12-19239-00	.0000	RISKY, SEE PURCH. PIN.WW .25"		NNNNNN	N6	G	0	-	79	954	47	04	22	EA	1PP
12-19241-00	.0000	SLEEVE,TEFLON .025"		NNNNNN	N4	G	0	-	72	104	84	03	22	EA	1PP
12-19245-00	.0000	BATTERY,3CELL 3.75V .10MA NICAD		NNNNNN	N4	G	0	-	72	954	74	07	22	EA	1PP
12-19249-00	11.1000	RCPT.CIRC.PNL 410		YYYYYY	N3	G	0	-	54	194	90	07	22	EA	1PP
12-19247-00	116.3500	TEMP CONTROL CCR,THERMISTOR SENSING		YYYYYY	N3	G	0	-	10	115	74	02	22	EA	1PP
12-19251-00	.0000	HEADER,100 2PIN STRAIGHT		NNNNNN	N2	R	E	-	2C			02	22	EA	1PP
12-19253-00	.0000	HEAT SINK 10-3 SOLDERABLE STUD		YYYYYY	N2	G	0	-	14	254	76	02	22	EA	1PP
12-19251-00	.2500	RISKY, SEE PURCH. COAX .100 25MT STRAIGHT		NNNNNN	N6	G	0	-	14	904	74	04	22	EA	1PP
12-19252-00	.4700	CLNM 100 23PIN		NNNNNN	N6	G	0	-	14	904	74	04	22	EA	1PP
12-19258-00	12.2400	RISKY, SEE PURCH. ENCODER,MAGNETIC		YYYYYY	N2	G	0	-	14	120	81	01	22	EA	1PP
12-19266-00	.0000	RISKY, SEE PURCH. ENCODER,MAGNETIC/MOTOR ASSY W/DRIV		NNNNNN	N7	G	0	-	52	504	50	03	22	EA	1PP
12-19257-00	23.5500	RISKY, SEE PURCH. ENCODER,MAGNETIC/MOTOR ASSY		NNNNNN	N7	G	0	-	52	504	50	03	22	EA	1PP
12-19259-01	.0000	RISKY, SEE PURCH. TERM BLOCK 8POS 7/16 SPACING		NNNNNN	N7	G	0	-	32	304	51	03	22	EA	1PP
12-19260-02	.0000	RISKY, SEE PURCH. TERM BLOCK 8POS 7/16 SPACING		NNNNNN	N7	G	0	-	44			20	22	EA	1PP
12-19268-01	.0000	RISKY, SEE PURCH. TERM BLOCK 10POS 7/16 SPACING		NNNNNN	N8	G	0	-	14			00	22	EA	1PP
12-19269-01	.0000	RISKY, SEE PURCH. FILTER,FOAM 10.3PPM		NNNNNN	N9	G	0	-	78			04	22	EA	1PP
12-19275-00	1.0000	REYLOCK ASSY,PLASTIC		NNNNNN	N4	G	0	-	70	014	81	02	22	EA	1PP
12-19277-01	.0000	SCREW, CAP, SOCKET HEAD 10-32 X 7/8		NNNNNN	N3	G	0	-	41			22	EA	1PP	
12-19278-01	.0000	RISKY, SEE PURCH. TERM,QUICK .250TAB		NNNNNN	N4	G	0	-	74			22	EA	1PP	
12-19281-00	.0000	RISKY, SEE PURCH. LAMP NEON W/RESISTOR FOR 115-230V		NNNNNN	N4	G	0	-	50			04	22	EA	1PP
12-19283-01	.0000	FUSE, 1A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-02	.0000	FUSE, 1.6A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-03	.0000	FUSE, 2A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-04	.0000	FUSE, 2.5A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-05	.0000	FUSE, 3.15A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-06	.0000	FUSE, 4A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-07	.0000	FUSE, 5A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19283-08	.0000	FUSE, 6.3A 250V, LOW BREAKING CAPACITY,SURGE RESIST		YYYYYY	N2	G	0	-	28	200	24	05	22	EA	1PP
12-19284-00	.0000	FUSE, 1A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-01	.0000	FUSE, 1.6A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-02	.0000	FUSE, 2A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-03	.0000	FUSE, 2.5A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-04	.0000	FUSE, 3.15A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-05	.0000	FUSE, 4A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-06	.0000	FUSE, 5A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-07	.0000	FUSE, 6.3A 250V, HIGH BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	101	80	06	22	EA	1PP
12-19284-08	.0000	FUSE, 1A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-01	.0000	FUSE, 1.6A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-02	.0000	FUSE, 2A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-03	.0000	FUSE, 2.5A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-04	.0000	FUSE, 3.15A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-05	.0000	FUSE, 4A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-06	.0000	FUSE, 5A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-07	.0000	FUSE, 6.3A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19285-08	.0000	FUSE, 1A 250V, LOW BREAKING CAPACITY,QUICK ACT		YYYYYY	N2	G	0	-	28	504	88	08	22	EA	1PP
12-19287-01	.0000	SEAL,FLARELESS MALE		NNNNNN	N2	R	E	-	92			22	EA	1PP	
12-19289-01	.0000	RISKY, SEE PURCH. SW,SIP 4POS 5V@100MA		NNNNNN	N7	G	0	-	44	974	20	10	22	EA	1PP
12-19293-01	.0000	RISKY, SEE PURCH. SW,SIP 8POS 5V@100MA		NNNNNN	N7	G	0	-	44	974	20	10	22	EA	1PP
12-19293-02	.0000	RISKY, SEE PURCH. SW,SIP 8POS 5V@100MA		NNNNNN	N7	G	0	-	44	974	20	10	22	EA	1PP
12-19293-03	.0000	RISKY, SEE PURCH. SW,SIP 2POS 5V@100MA		NNNNNN	N7	G	0	-	44	974	20	10	22	EA	1PP
12-19292-04	.0000	RISKY, SEE PURCH. SW,SIP 2POS 5V@100MA		NNNNNN	N7	G	0	-	44	974	20	10	22	EA	1PP

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

<u>Inventory Class</u>	<u>Part Identifier</u>	<u>Variable Identifier</u>
12	12609	00

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

Part Number	12-12620-00 Conn, Hsq, 8 pos, Crimp Snap-In
Variation of P/N	12-12620-01 Conn, Hsq, 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" precedes 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.

7

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

Should a nine (9) precede 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 one (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.

7

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.

YF - 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 QVI 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, flammable, 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. |

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

- 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 OBSOLETE, REPLACED BY or INACTIVATED. Several other characters used in the revision level column are an asterisk (*) 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

- Using 12-05941-0J 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.
- The fiche location for 12 Class starts on 70A 1A.
- Insert fiche 70A - locate frame 1A (xy coordinates).
- 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 12-05901-01.

00A DEC--CPH 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	FROM PART	TO PART	XY COOR
12-00992-00	12-01441-02	1B	12-02234-00	12-02934-00	3J	12-10403-00	12-10493-32	CK			
12-01643-75	12-03-RX01K-0E	1C	12-02968-00	12-03348-00	4A	12-10493-39	12-10568-05	8I			
0A-08401-02	12-00050-00	1D	12-03357-00	12-03517-00	4B	12-10568-08	12-10584-00	6J			
10-09051-00	10-01021-00	1E	12-03518-00	12-04853-00	4C	12-10865-00	12-10711-00	7A			
10-01833-02	10-02572-00	1F	12-04859-00	12-04849-0J	4U	12-10711-01	12-10788-00	7B			
10-02893-00	10-03572-00	1G	12-04850-00	12-05045-00	4E	12-10789-00	12-10798-00	7C			
10-05392-00	10-09939-00	1H	12-05051-00	12-05347-00	4F	12-10798-01	12-10829-02	7D			
10-09929-01	10-10701-00	1I	12-05348-00	12-05573-00	4G	12-10830-74	12-10902-02	7E			
10-19701-00	10-11752-00	1J	12-05574-00	12-05795-00	4H	12-10902-03	12-10929-05	7F			
10-11848-00	10-13228-02	2A	12-05788-00	12-05854-02	4I	12-10929-08	12-10984-05	7G			
10-13229-00	10-13466-36	2B	<u>12-05855-01</u>	<u>12-05983-01</u>	<u>4J</u>	12-10984-08	12-11073-00	7H			
10-13468-33	10-14280-01	2C	12-05983-02	12-09120-00	5A	12-11076-00	12-11142-01	7I			
10-14280-02	10-15705-00	2D	12-09121-00	12-09109-00	5B	12-11145-00	12-11198-05	7J			

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

REPORT SUBJECT		DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM										PAGE 39					
PART NO SEQUENCE		CONSOLIDATED PURCHASED PARTS										DATE 10/24/81					
PART NUMBER	STANDARD COST	PART DESCRIPTION				CLASS	RATINGS	QO	EWS	SI	REV	FCD	FICHE	PGS	IN	U/M	TYP
12-03353-01	.0000	COMM TELE	BLOCK	QUICK COMM	1	YNYNYNN	N4	A	-	IJ	QIM	3A	01	EA	MAN		
12-03853-22	.0000	COMM TELE	BLOCK	QUICK COMM		YNYNYNN	N4	A	-	IJ	SEE	01	00	EA	MAN		
12-03857-01	.0700	COMM TELE	PLUG			YNYNYNY	Y3	A	A	IJ	OIM	3G	03	EA	MAN		
12-03857-02	.0800	COMM TELE	JACK			YNYNYNY	N2	A	A	IJ	SEE	01	00	EA	MAN		
12-03857-03	1.1700	COMM TELE	JACK			YNYNYNY	Y3	A	A	IJ	SEE	01	00	EA	MAN		
12-05918-00	.4100	LAMP	CP2163			NYNYNYNN	N6	N	-	5B	OGC	NA		EA	MAN		
12-05917-00	6.8800	AIR FILTER	1/8 IPS	502-1		NYNYNYNN	N5	N	-	7B	OGC	NA		EA	MAN		
12-05926-00	177.0000	WOTOR, LAMB	PP849			YNYNYNN	N3	B	-	5C	QSD	5A	04	EA	MAN		
12-05941-00	7.3000	SW SWR	2P 7A	MAINTAINED		YNYNYNY	Y6	Y	E	E	4A	45H	2G	02	H	EA	MAN
12-03342-00	58.2900	POWER STAT				YNYNYNN	N0	I	-	6J	117	7C	01	EA	MAN		
12-03944-00	34.9000	WOTOR, VACUUM	LAMB	15475		YNYNYNN	N3	A	0	6C	OBH	8A	03	EA	MAN		
12-03444-01	15.5100	SOLELE				NYNYNYNN	N7	Z	E	ZI				EA	MAN		
12-05949-00	38.8300	TACHOMETER	NO SPEC	OR USE		NYNYNYNN	N5	N	-	5Z	OGC	NA		EA	MAN		
12-05940-00	887.2500	P.S.	FACTRE	P559-27		YNYNYNN	N3	A	A	2H	18K	5H	04	EA	MAN		
12-05940-00	88.5800	CASTING, BEZEL	FOR	BIP		NYNYNYNN	N3	B	A	7A	13D	2D	02	EA	MAN		
12-03951-00	.5200	SPRING	-7/1600X	01825/STRUELENG		YNYNYNY	YF	A	-	9F	08D	4A	01	EA	MAN		

- 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).
- 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

- 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.
- Insert Fiche 73A - locate frame 1A.
- 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).

72P-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	12-25PEC-0-1	3B	13-00001-0-1	5B	35-25PEC-0-1	7B
10-00000-0-1	1C	12-25PEC-0-1	3C	13-00004-0-1	5C	48-10037-0-1	7C
10-00000-0-1	1D	12-25PEC-0-1	3D	13-00004-0-1	5D	75-65021-0-0	7D
10-00000-0-1	1E	12-25PEC-0-1	3E	13-00008-0-1	5E	75-65047-0-0	7E
11-00001-0-1	1F	12-25PEC-0-1	3F	13-25PEC-0-1	5F	76-65073-0-0	7F
11-25PEC-0-1	1G	12-25PEC-0-1	3G	13-03100-0-1	5G	76-65099-0-0	7G
<u>12-00013-0-3</u>	<u>1H</u>	12-25PEC-0-1	3H	18-09651-0-1	5H	76-55125-0-0	7H
12-09169-0-1	1I	12-25PEC-0-1	3I	17-25PEC-0-1	5I	79-83151-0-0	7I
12-10343-0-1	1J	12-25PEC-0-1	3J	19-00002-0-1	5J	76-65177-0-0	7J
12-10484-0-1	2A	12-25PEC-0-1	4A	19-00003-0-1	6A	76-65203-0-0	8A
12-10711-0-1	2B	12-25PEC-0-1	4B	19-00002-0-1	6B	76-65221-0-0	8B
12-10855-0-1	2C	12-25PEC-0-1	4C	19-00002-0-1	6C	76-65230-1-1	8C
12-11808-0-1	2D	12-25PEC-0-1	4D	19-25PEC-0-1	6D	75-65230-1-1	8D
12-12499-0-1	2E	12-25PEC-0-1	4E	22-25PEC-0-1	8E	76-65230-1-1	8E
12-13291-0-1	2F	12-25PEC-0-1	4F	30-09200-0-1	8F	75-65230-1-1	8F
12-15479-0-1	2G	12-25PEC-0-1	4G	30-11079-0-1	8G	76-65230-1-1	8G

- Locate frame 1H. Your number will appear on this listing.
- Locate the number and read across the page to the fiche column (see underlined below). Your document is on fiche 75A frame 5H.

REPORT 5298CT		DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM				PAGE 7
		INCOMING INSPECTION LISTING				DATE 10/24/81
II NUMBER	II DESCRIPTION	FICHE	HP	ST	REV	PART NUMBERS REFERENCING II DOCUMENT
12-01348-0-1	388 PIN CONNECTOR BLOCK	770	8F	07	A -	12-03348-00
12-03375-0-1	I.I. PROC. FOR NOM. PRR 54 (12-03375)	777	1A	03	A -	12-03375-00
12-05341-0-1	I.I. PROC. FOR OPPT PRR 54 (12-05941)	75A	5H	03	A -	12-05941-00
12-09152-0-1	I.I. PROC. FOR CHASSIS SLIDE, TRAVEL	75P	2A	08	A -	

- 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.

7

HOW TO FIND A DEC STANDARD

1. Using DEC Standard 003 as an example; look at the table of contents card for 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 1p of 6
30 December 1981

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

<u>STANDARD NO.</u>	<u>DESCRIPTION</u>	<u>FICHE LOC</u>	<u>REV</u>
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.	78Q-5D	C
003	Writing Hardware Manuals	79A-1A	C
003 (Sec 1)	Software Manuals Standard		OBS
003 (Sec 2)	Hardware Manuals Writer's Guide		OBS
004	Circuit Design Guidelines	81C-1A	06-19-70
005	Assigning Part Descriptions and Document Titles	80N-30	A
007	Design Review Process	79A-1P	A
008	Project Scheduling System	79A-4G	A
009	Project Specification	79A-5G	A
010 (Sec 0)	Engineering Documentation Checking: General Requirements	81E-5J	D
010 (Sec 1)	Engineering Documentation Checking: Document Checklists	81E-6J	A
010 (Sec 2)	Engineering Documentation Checking: Printed Circuit Checklist	79Q-70	A
011	OBS Standard of Block Schematics (Use 056)		OBS
017 (Sec 0)	Part & Document Identifications Conventions & Digital Corporate Policy	80P-1A	P
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

- 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.
- 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).

M3001.03
17 MARCH 1981

QUALIFIED VENDOR LISTING

<u>CLASS</u>	<u>DESCRIPTION</u>	<u>DEC PART NUMBER</u>	<u>CLIP CODE</u>
10	CAPACITOR	10-00901-00 thru 10-17354-00	55A-1A
11	DIODES	10-17242-00 thru 11-10597-40	55B-1A
12	ELECTRO-MECHANICAL	12-00001-05 thru 12-05322-00	553-1A
		<u>12-05827-00 thru 12-05836-02</u>	<u>55C-1A</u>
		12-10636-03 thru 12-12124-01	550-1A
		12-12124-02 thru 12-13250-01	55E-1A
		12-13251-00 thru 12-14333-3K	55F-1A
		12-14333-3C thru 12-14941-00	55G-1A
		12-14943-00 thru 12-17536-02	55H-1A
		12-17540-00 thru 12-17540-00	55I-1A

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

<u>SSC Dec--QVL 10/31/81</u>			<u>INDEX TO QUALIFIED VENDOR LISTING</u>					
<u>FROM PART</u>	<u>TO PART</u>	<u>BY CODE</u>	<u>FROM PART</u>	<u>TO PART</u>	<u>BY CODE</u>	<u>FROM PART</u>	<u>TO PART</u>	<u>BY CODE</u>
12-05827-00	-- 12-05842-00	11	2-09597-01	-- 12-09811-00	4C	12-10242-00	-- 12-10253-00	7E
12-05849-00	-- 12-05849-17	1J	12-09612-00	-- 12-09630-01	4H	12-10254-20	-- 12-10277-00	7F
12-05849-18	-- 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	12-09643-00	-- 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	-- 12-10338-00	7I
<u>12-05917-00</u>	<u>-- 12-05941-01</u>	<u>2D</u>	12-09711-00	-- 12-09746-00	5B	12-10339-00	-- 12-10353-30	7J
12-05903-01	-- 12-09011-00	2E	12-09747-00	-- 12-09737-00	5C	12-10354-00	-- 12-10364-00	8A
12-09012-00	-- 12-09049-00	2F	12-09786-00	-- 12-09820-01	5D	12-10369-00	-- 12-10378-00	8B

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

<u>REPORT 5260CT</u>		<u>DIGITAL EQUIPMENT CORPORATION - SPEC CONTROL SYSTEM</u>						<u>PAGE 169</u>	
		<u>OFFICIAL QUALIFIED VENDOR LISTING</u>						<u>DATE 10/31/81</u>	
<u>PART NUMBER</u>	<u>VENDOR CODE</u>	<u>PART DESCRIPTION</u>	<u>RATINGS</u>	<u>QW</u>	<u>ST</u>	<u>PCD</u>	<u>II NUMBER</u>	<u>OTHER</u>	<u>OTHER FILE NUM</u>
<u>VENDOR CODE</u>	<u>QI</u>	<u>VENDOR NAME</u>	<u>VENDOR PART NUMBER</u>	<u>UL</u>	<u>FILE</u>	<u>UL</u>	<u>GUIDE</u>	<u>CSA</u>	<u>FILE NUM</u>
12-05917-00		AIR FILTER 1/8 IPS 502-1	YHNTYH NS		N	71			
4168-000		WATT'S REGULATOR CO	502-1						
12-05923-00		MOTOR, LAMB P8819	YHNTYH NS		A	8C			
5790-002		LAMB ELECTRIC	P8849C						
12-05941-00		SM, RKR 2P 3A MAINTAINED	YHNTYH YB		Y	A	4A	12-05941-0-1	
414-000		STACKPOLE COMPONENTS CO	RS-50-FB-PC						
2677-013		AIRPAC ELECTRONICS INC	558-3						
12-05947-00		POWER STAT	YHNTYH NS		I	0J			
2608-000		SUPERIOR ELECTRIC CO	100-1228						

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 Capacitors	1C
Diodes & Rectifiers	1D
Drills	1D
Electrical Devices	1D, 1E
Electrical Protection	1E
Fabricated Components	1E, 1F
Fabrication Materials	1F
Integrated Circuits	1F, 1G, 1H, 1I
Interconnecting Devices	1I, 1J
Jigs	1J
Mechanical Assembly Components	2A, 2B, 2C
P. C. Boards	2C
Peripheral Equipment	2C, 2D, 2E
Positioning Controls/Sensors	2E
Power Transmission Components	2E
<u>Relays</u>	<u>2F</u>
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

<u>RELAYS</u>	<u>FCD</u>
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.

INDEX TO IND USE FCD INFORMATION (CONT.)

1. Look at the Table of Contents Card under 'Purchase Parts Index' FCD order. Use 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).

FCD-3A			FCD-3B			FCD-3C			FCD-3D		
FCD	TO	IF	FCD	TO	IF	FCD	TO	IF	FCD	TO	IF
FCD 2A	18	18	FCD 4C	18	18	FCD 6A	18	18	FCD 8A	18	18
FCD 2B	19	19	FCD 4D	19	19	FCD 6B	19	19	FCD 8B	19	19
FCD 2C	20	20	FCD 4E	20	20	FCD 6C	20	20	FCD 8C	20	20
FCD 2D	21	21	FCD 4F	21	21	FCD 6D	21	21	FCD 8D	21	21
FCD 2E	22	22	FCD 4G	22	22	FCD 6E	22	22	FCD 8E	22	22
FCD 2F	23	23	FCD 4H	23	23	FCD 6F	23	23	FCD 8F	23	23
FCD 2G	24	24	FCD 4I	24	24	FCD 6G	24	24	FCD 8G	24	24
FCD 2H	25	25	FCD 4J	25	25	FCD 6H	25	25	FCD 8H	25	25
FCD 2I	26	26	FCD 4K	26	26	FCD 6I	26	26	FCD 8I	26	26
FCD 2J	27	27	FCD 4L	27	27	FCD 6J	27	27	FCD 8J	27	27
FCD 2K	28	28	FCD 4M	28	28	FCD 6K	28	28	FCD 8K	28	28
FCD 2L	29	29	FCD 4N	29	29	FCD 6L	29	29	FCD 8L	29	29
FCD 2M	30	30	FCD 4O	30	30	FCD 6M	30	30	FCD 8M	30	30
FCD 2N	31	31	FCD 4P	31	31	FCD 6N	31	31	FCD 8N	31	31
FCD 2O	32	32	FCD 4Q	32	32	FCD 6O	32	32	FCD 8O	32	32
FCD 2P	33	33	FCD 4R	33	33	FCD 6P	33	33	FCD 8P	33	33
FCD 2Q	34	34	FCD 4S	34	34	FCD 6Q	34	34	FCD 8Q	34	34
FCD 2R	35	35	FCD 4T	35	35	FCD 6R	35	35	FCD 8R	35	35
FCD 2S	36	36	FCD 4U	36	36	FCD 6S	36	36	FCD 8S	36	36
FCD 2T	37	37	FCD 4V	37	37	FCD 6T	37	37	FCD 8T	37	37
FCD 2U	38	38	FCD 4W	38	38	FCD 6U	38	38	FCD 8U	38	38
FCD 2V	39	39	FCD 4X	39	39	FCD 6V	39	39	FCD 8V	39	39
FCD 2W	40	40	FCD 4Y	40	40	FCD 6W	40	40	FCD 8W	40	40
FCD 2X	41	41	FCD 4Z	41	41	FCD 6X	41	41	FCD 8X	41	41
FCD 2Y	42	42	FCD 4A	42	42	FCD 6Y	42	42	FCD 8Y	42	42
FCD 2Z	43	43	FCD 4B	43	43	FCD 6Z	43	43	FCD 8Z	43	43

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	2.1009	9--COIL RCP 7AP NO SPEC OR USE	XXXXXXXXXX	18	E	-	3A	DOC	NA	EA	RAA	
12-01249-00	9.3403	9--CONTACTOR 30ANO SPEC OR USE	XXXXXXXXXX	18	E	-	3A	DOC	NA	EA	RAA	
12-01413-00	7.6100	9--RELAY 23A 1 5VNO SPEC OR USE	XXXXXXXXXX	15	E	-	3A	DOC	NA	EA	RAA	
12-03257-00	5.3200	9--RELAY 11A3VNO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-03557-00	9.1600	9--RELAY 1EM 23VNO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-01972-00	53.2800	9--RELAY 2PBPINT3VNO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-02170-00	15.9100	9--RELAY 1P 15VNO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-02618-00	10.7600	9--RELAY 1MA 230V NO SPEC OR USE	XXXXXXXXXX	15	E	-	3A	11E	3D	01	EA	RAA
12-02897-00	7.7000	9--RELAY 1AP 11AG NO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-04619-00	34.8100	9--RELAY 2AD21015NO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-03447-00	8.9500	9--RELAY 1M5M 50VNO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-04817-00	10.0600	9--RELAY 1011349 NO SPEC OR USE	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-02738-00	11.1800	9--RELAY 1P	XXXXXXXXXX	15	N	-	3A	DOC	NA	EA	RAA	
12-12138-00	4.7800	CONTACTOR 14PIN OEP 1C	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12238-00	4.7800	CONTACTOR 14PIN OEP 1C	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12617-00	.0000	HOLD DOWN SPRING FOR 12-17835-00	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
90-09512-00	.0000	RCP, BRD MNT, MOD. 1 031X.092	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
20-339-00	.0000	RELAY 115V 4T	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
24-1598-00	22.2000	RELAY 8PDT	XXXXXXXXXX	1E	N	-	3A	DOC	NA	00	EA	RAA
12-14970-00	16.6100	RELAY 2VA DPDT FRNS. DRIVEN 10S	XXXXXXXXXX	1E	G	E	-	3A		EA	RAA	
24-1301A-00	.0000	RELAY DPDT 2VA	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12113-02	.0000	RELAY 12V COIL, COPY, 2A OEP	XXXXXXXXXX	1E	G	E	-	3A		02	EA	RAA
12-12102-00	27.7500	RELAY 10A 12V COIL STATE	XXXXXXXXXX	1E	R	E	-	3A	SEE 20	05 22	EA	RAA
12-15007-00	14.3100	RELAY 12V COIL, DPDT	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-15331-00	14.3100	RELAY 12V COIL, DPDT	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-16571-00	3.7700	RELAY 12V COIL, DPDT, 2A	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-19111-00	7.1800	RELAY 12V COIL, DPDT, 10A, 8PIN OCTAL	XXXXXXXXXX	1E	R	E	-	3A	510 5P	05	EA	RAA
12-12112-00	5.0600	RELAY 12V COIL, DPDT, 10A	XXXXXXXXXX	1E	R	E	-	3A	22A 1A	04	EA	RAA
12-12113-00	49.3500	RELAY 12V COIL, DPDT, 10A	XXXXXXXXXX	1E	R	E	-	3A	11E 3C	01 18	EA	RAA
12-12114-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12115-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12116-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12117-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12118-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12119-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12120-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12121-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12122-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12123-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12124-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12125-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12126-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12127-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12128-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12129-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12130-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12131-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12132-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12133-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12134-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12135-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12136-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12137-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12138-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12139-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12140-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12141-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12142-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12143-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12144-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12145-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12146-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12147-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12148-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12149-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	
12-12150-00	4.7700	RELAY 12V COIL, DPDT, 5V	XXXXXXXXXX	1E	R	E	-	3A		EA	RAA	

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).

VENDOR NAME	PURCHASED PARTS LISTING BY VENDOR NAME	CLIP CODE
3M Deutschland GmbH thru AMP Inc.	61A
AMP Inc. thru All Stainless Inc.	61B
All Stainless Inc. thru Amaton Electric Hardware	61C
Amaton Electric Hardware thru Astrofoam Inc.	61D
Astrofoam Inc. thru Baco Fastening Service Center	61E
Baco Fastening Service Center thru Brand Rex Co.	61F
Brand Rex Co. thru CP Clare Electronics	61G
CP Clare Electronics thru Chomerics Inc.	61H
Chomerics Inc. thru Computer Fabrication	61J
Computer Fabrication thru Data Electronics Inc.	61K
Data Electronics Inc. thru Digital Equipment Corp.	61L
Digital Equipment Corp. thru Electron n Fastness Inc.	61M
Electron n Fastness Inc. thru Fairchild Semiconductors	61N
Fairchild Semiconductors thru General Instruments Inc.	61P
General Instruments Inc. thru HI-Tek Corp.	61Q

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 DEC-88VNA 10/24/81			INDEX TO PURCHASED PARTS LISTING BY VENDOR NAME						
FROM PART	TO PART	BY CODE	FROM PART	TO PART	BY CODE	FROM PART	TO PART	BY CODE	
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 MACH	5J	AIRPAX ELECTR	-- ANRO-MILS INC	8H	
A P PRODUCTS	-- A Y X CERAMIC	3C	ADVANCE WFO C	-- ADVANCED HEAT	6A	ANRO-MILS INC	-- ALCO ELECTRON	8I	
A Y X CERAMIC	-- A Y X CERAMIC	3D	ADVANCED HEAT	-- ADVANCED MICR	6B				
A Y X CERAMIC	-- A Y X CORP	3E	ADVANCED MICR	-- ADVANCED MICR	6C				
A Y X CORP	-- A Y 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 5283C1		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		30582-000	ADVANCED HEAT TREATING C	MULTIPLE SOURCE		
ADVANCED MICRO DEVICES	IS A QUALIFIED VENDOR FOR THE FOLLOWING PARTS						
19-19023-01	DAC.COMPARING	X1	5-000	ADVANCED MICRO DEVICES	MULTIPLE SOURCE	AM60700C	
19-09875-00	308 VOLT.COMPARATOR	X2	5-000	ADVANCED MICRO DEVICES	MULTIPLE SOURCE		
19-15168-00	AM 887DL VOLT.COMPARATOR.O	X2	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).

HJ201.07
R 502.09
01 JUNE 1981

PURCHASED PARTS LISTING BY VENDOR PART NUMBER

<u>CLASS</u>	<u>INFO CODE</u>
10	60A-1D
11	60B-3F
<u>12</u>	<u>60B-5J</u>
13	60C-2J
14	60J-1B
15	60J-1C
16	60J-3D
17	60J-7D
18	60K-1B
19	60K-2B
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 OI 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
- J 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 To have credit on (some items)