



C&D Semiconductor Services, Inc.
 1110 Ringwood Court
 San Jose, CA 95131 USA

C&D 86/88xx SPARE PARTS LIST

Part Number	Module	Description
109-065	Indexer	Slide Switch
109-144	Indexer	Switch, boat sensor, long leaf
112-077	Indexer	Motor 24VDC, lead screw
201-001	Indexer	Bearing, ball, dbl shield. 1/8 ID X 5/16 OD
201-003	Indexer	Ball bushing, 1/2"
201-004	Indexer	Seal, ball bushing, 1/2"
201-005	Indexer	Bearing, ball, flanged, dbl shield, 1/4 ID X 5/8 OD
202-278	Indexer	Timing belt, geared pulley
206-002S	Indexer	FITTING, 10-32 X 1/8 BARB, NICKLE P
206-014	Indexer	Fitting, valve body
206-015	Indexer	Connector, hose, 1/16 ID
211-019	Indexer	Spring, compression .0880DX.008DX7/16LG
211-020	Indexer	Spring, compression, 1/80DX.014DX1/2LG
99-16310-03	Indexer	Indexer harness, 88XX
99-80039-500	Indexer	ASSY,INDXR BOARD (UNIVERSAL)
99-80066	Indexer	PCB, Quad sensor
100-028	Indexer	Banner sensor, SENSOR CONVERGENT
112-106	ATS ARM	Arm motor, 24v
114-038	ATS ARM	VALVE, SOLENOID 3WAY 24VDG
99-12586-01	ATS ARM	Emi Filter Assy.
201-003	ATS ARM	Bushing ball, 1/2"
201-138	ATS ARM	BEARING .5IDX.87ODX.28W
99-600379-02	ATS ARM	ASSY, ATS ARM BOARD REV 2
99-16103-01	ATS ARM	ATS arm Harness
99-80000-01	ATS ARM	SINGLE SENSOR PCB
201-139	ATS ARM	BEARING FLANGED 1/4ID X 3/8OD
16290-01	ATS ARM	FORE ARM, 3.00",
16290-01T	ATS ARM	FORE ARM, 3.00",
16215-01	ATS ARM	FOREARM 4.75"
16215-01C	ATS ARM	FOREARM, 4.75" SPECIAL CERAMIC
201-098	ATS ARM	FLANGED BALL BEARING
202-279	ATS ARM	BELT, TIMING 1/5"PX1/4W
202-256	ATS ARM	BELT, TIMING 40P X 114P
202-252	ATS ARM	BELT, TIMING, 1/5PX1/4W
202-253	ATS ARM	O-Ring
217-012	Coater - Spin Process	FILTER W/GLASS BOWL
06041-01	Coater - Spin Process	Catch Cup Bottom



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06042-01	Coater - Spin Process	Catch Cup Insert
100-002	Coater - Spin Process	Optical sensor, interruptive.
100-024	Coater - Spin Process	Optical sensor, Moving Harness
101-1956	Coater - Spin Process	RESISTOR 25 OHM 25W 1%
112-005	Coater - Spin Process	High Speed Motor, Coater
112-041	Coater - Spin Process	VALVE SOL 3WAY N/C MAN MT
114-005	Coater - Spin Process	Valve, 3-way, 24VDC
114-020	Coater - Spin Process	VALVE, SOLENOID 3-WAY MANIFOLD
114-023S	Coater - Spin Process	Valve, solenoid, 24VDC, 4-way,
114-025S	Coater - Spin Process	Valve, solenoid, 24VDC, 3-way, single speed control
16276-01	Coater - Spin Process	Button, Paddle
16277-01	Coater - Spin Process	Paddle, 150mm wafer
16389-01	Coater - Spin Process	Paddle, 100mm wafer
17215-02	Coater - Spin Process	Catch cup top, moving, pivoting arm
19108-01	Coater - Spin Process	CHUCK, 6" 86/88 COATER
19109-01	Coater - Spin Process	CHUCK, 4" COATER 86/88
200-022	Coater - Spin Process	Ruber Cap
201-002	Coater - Spin Process	Bearing, flanged, 1/8 X 5/16
201-007	Coater - Spin Process	Bushing, ball, oil seal 3/8
201-064	Coater - Spin Process	Linear bearing, 1/4 X 1/2 X 3/4
201-066	Coater - Spin Process	Ball bushing, 3/8 ID X 7/8 OD
201-078	Coater - Spin Process	Pillow block
201-085	Coater - Spin Process	LINEAR BRG SEAL, 1/4 DIA SHAFT
201-143	Coater - Spin Process	Bearing, linear rotary, 3/8"
202-254	Coater - Spin Process	TIMING BELT .080P
203-062	Coater - Spin Process	Cylinder, 3-position, 8826
203-065	Coater - Spin Process	Air cylinder, 3/4" bore, X 1" stroke, 2"
203-072	Coater - Spin Process	Air cylinder, 3/4" bore X 1" stroke
206-007	Coater - Spin Process	Swivel fitting, brass, 1/8 NPTM X 1/16 barb
206-024	Coater - Spin Process	Needle valve, 1/8 NPTM, SS
206-038	Coater - Spin Process	Elbow, 1/4 OD tube by 1/8 NPTM, brass
21405-01	Coater - Spin Process	Centering arc, 100mm wafer
220-002	Coater - Spin Process	PULLEY, 1/4 TIMING BELT .080 P
220-028	Coater - Spin Process	PULLEY, TMG BELT .080PP 30GRV
22742-01	Coater - Spin Process	Centering arc, 6" wafer
99-06082-01	Coater - Spin Process	Moving dispense harness with stepper motor
99-06660-01	Coater - Spin Process	ASSY,HARNESS SPINDLE DRIVE DUAL MOTOR
99-06660-02	Coater - Spin Process	ASSY,HARNESS SPINDLE DRIVE SINGLE MOTOR
99-16085-01	Coater - Spin Process	HARN, SPINDLE GUIDE PLATE 8826
99-16128-01	Coater - Spin Process	Support pin harness



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99-16359-01	Coater - Spin Process	Spindle guide harness
99-17216-01	Coater - Spin Process	Pivoting dispense harness
99-80000-01	Coater - Spin Process	SINGLE SENSOR PCB
99-80146-01	Coater - Spin Process	PCB, vacuum delay
99-80158-01	Coater - Spin Process	ASSY, PCB SINGLE SENSOR
17-600680	Coater - Spin Process	Rebuild kit for 8826 / 8832 spindle tube w/o shaft
114-001	Coater - Disp Plate	Solenoid valve, 2-way, 24 VDC, fluid, TEBR
114-003	Coater - Disp Plate	Valve, 2-way, 24 VDC, system air
114-007	Coater - Disp Plate	Valve, 2-way, 24 VDC
213-015	Coater - Disp Plate	VALVE, MTRG 1/8NPTM X 1/8 NPTM SS
213-139	Coater - Disp Plate	Valve, teflon, 3-way, TEBR
217-053	Coater - Disp Plate	FILTER ELEMENT 16 STACK, VITON/EPR
06734-06	Developer	CHUCK, DELRIN, 100MM DEV
06734-08	Developer	CHUCK, DELRIN, 150MM DEV
06847-01S	Developer	AIR RING, DELRIN, 100MM
06847-01M	Developer	AIR RING, DELRIN, 100MM
06842-02	Developer	AIR RING, DELRIN, 150MM
100-024	Developer	Optical sensor, Moving Harness
112-066	Developer	Gearmotor, 24 VDC, 65.5:1 ratio
112-067	Developer	High Speed Motor, 8832
16276-01	Developer	Button, Paddle
16277-01	Developer	Paddle, 150mm wafer
16389-01	Developer	Paddle, 100mm wafer
201-064	Developer	Linear bearing, 1/4 X 1/2 X 3/4
201-078	Developer	Pillow block
201-085	Developer	LINEAR BRG SEAL, 1/4 DIA SHAFT
201-130	Developer	CLUTCH/COUPLING ELE .25ID
203-065	Developer	Air cylinder, 3/4" bore X 1" stroke, 2" LG
203-074	Developer	Air cylinder, 3-position, 8832
21405-01	Developer	Centering arc, 100mm wafer
215-021	Developer	COUPLING TORQUE
22742-01	Developer	Crescent Centering arc, 6" wafer
99-14394-01	Developer	Spindle drive harness, 2 mtr, electric clutch
99-14416-01	Developer	Electric clutch assembly
99-16128-XX	Developer	Support pin harness
99-16359-02	Developer	Spindle guide harness
99-80000-01	Developer	SINGLE SENSOR PCB
99-80158-01	Developer	ASSY, PCB SINGLE SENSOR
109-750034S	Developer	Digital Vacuum switch



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101-1956	Dev Dispense	RESISTOR 25 OHM 25W 1%
112-041	Dev Dispense	MOTOR, STEPPER MOTOR, DISPENSE ARM
114-003	Dev Dispense	Valve, 2-way, 24 VDC, system air
114-007	Dev Dispense	Valve, 2-way, 24 VDC
201-064	Dev Dispense	Linear bearing, 1/4 X 1/2 X 3/4
201-085	Dev Dispense	LINEAR BRG SEAL, 1/4 DIA SHAFT
201-098	Dev Dispense	FLANGED BALL BEARING
202-201	Dev Dispense	Timing belt, 10 foot length
202-262	Dev Dispense	BELT PULLEY .200" PITCH 12 GRVS
207-026	Dev Dispense	NOZZLE, FLAT SPRAY 1/8
213-015	Dev Dispense	Flow control valve
99-14430-01	Dev Dispense	HARN, MOVING DISPENSE 8832 CTD-MD
101-1956	Hot Plate	RESISTOR 25 OHM 25W 1%
109-093	Hot Plate	Overtemp switch, low temp
109-095	Hot Plate	Overtemp switch, high temp
112-053	Hot Plate	Stepper Motor
16195-01	Hot Plate	Coupling, modified, HPO motor
16217-01T	Hot Plate	Pin, wafer, HPO, Teflon tip
121-095-01	Hot Plate	ELEMENT, HEATER CAST 115V/700W
121-095-02	Hot Plate	ELEMENT, HEATER CAST 230V/700W
121-179	Hot Plate	RTD temperatre probe
201-007	Hot Plate	Bushing, ball, oil seal 3/8
201-066	Hot Plate	Ball bushing, 3/8 ID X 5/8 OD
99-16098-01	Hot Plate	Stepper motor assembly, 8836
99-16099-01	Hot Plate	Harness, wafer carrier top sensor
99-80000-01	Hot Plate	SINGLE SENSOR PCB
109-750034S	Hot Plate	Digital Vacuum switch
107-024	Main Control	Relay, 30A, 4PST, 24VAC coil
108-018	Main Control	RELAY, CONTACTOR MCE
109-092	Main Control	Power switch
111-017	Main Control	FUSE 3 AGE 2 AMP SLOBLO
111-019	Main Control	FUSE 3 AG 1/2 AMP SLOBLO
111-046	Main Control	FUSE 1/4A 250V SB 3AG
111-050	Main Control	CIRCUIT BREAKER, 3POLE 15 AMP
107-004	Main Control	RELAY, 3PDT 24VDC
107-012-D	Main Control	TRIAC RELAY, 25A 230V, 90-280VAC DC
107-019	Main Control	Relay, 2PDT, 24VDC, 15A
111-018	Main Control	Fuse, 3AG, 1A



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111-042	Main Control	Circuit breaker, 3A
111-043	Main Control	CIRCUIT BREAKER 2P 7AMP
99-80082	Main Control	ASSY, PCB HEATER/CNTRL INTFC
18810-04	Card Cage	OVERLAY, CNTL PNL 8832, 8832/8836
18810-11	Card Cage	OVERLAY, CNTL PNL 8838 VP
18810-14	Card Cage	OVERLAY, CNTL PNL 8826 SMC/8836 HPO
109-080	Card Cage	Switch, key lock
109-087	Card Cage	Switch Cover
109-088	Card Cage	SWITCH,LIGHTED PUSHBUTTON
124-005	Card Cage	REGULATOR, 5 VOLTS
99-01989-02	Card Cage	Cable, communication
99-80073	Card Cage	ASSY,PCB FRONT PANEL DIS
99-80074	Card Cage	FRONT PANEL, KEY BOARD
99-80076	Card Cage	ASSY,PCB CONNECTOR INTERFACE
99-80092-01	Card Cage	ASSY, TRANSISTOR BOARD PCB 8620
99-80103-30	Card Cage	86/88 CPU PCB
99-80122-500	Card Cage	86/88 Track Interface PCB
99-80105-01	Card Cage	ASSY,PCB MOTHER BOARD
99-16105-01	Card Cage	Harness, PCB interconnect
109-025	Chill Plate	SWITCH MAGNETIC
114-005	Chill Plate	Valve, 3-way, 24VDC
114-007	Chill Plate	Valve, 2-way, 24 VDC
114-023S	Chill Plate	Valve, solenoid, 24VDC, 4-way,
16188-01T	Chill Plate	Chill Plate Pin, wafer lift, teflon tip
203-064	Chill Plate	AIR CYLINDER 3/4BX2""STK DBL RD
101-2008	Vapor Prime	Resistor, 35W, 13 Ohm, 1% or 5%
109-750034S	Vapor Prime	Digital Vacuum switch
112-075	Vapor Prime	STEPPER MOTOR 6V 1.2A 2PHS 20""
114-002	Vapor Prime	Valve, 4-way, 24VDC
114-005	Vapor Prime	Valve, 3-way, 24VDC
85-16202-01	Vapor Prime	BELLOWS UNIT
16217-01	Vapor Prime	PIN, WAFER HPO
16589-01	Vapor Prime	Flex coupling, clamp style, reworked, 8838
121-125-01	Vapor Prime	HEATER ELEMENT, 115V 700W 88VP
121-125-02	Vapor Prime	HEATER ELEMENT, 230V 700W 88VP
121-179	Vapor Prime	RTD temperatre probe
201-005	Vapor Prime	Bearing, ball, flanged, dbl shield, 1/4 ID X 5/8 OD
201-140	Vapor Prime	BUSHING PILLOW BLK 3/8 SHAFT



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201-141	Vapor Prime	Linear ball bearing
203-075	Vapor Prime	AIR CYL 11/8 BORE X 21/2 STRK
210-035	Vapor Prime	PACKING GLAND 1/4 PROBE
210-036	Vapor Prime	PACKING GLAND 1/16 PROBE
210-038	Vapor Prime	SEAL BALL BUSHING 5/8 ID
210-050	Vapor Prime	PACKING GLAND 3/8 PROBE
210-051	Vapor Prime	PACKING GLAND 1/8 PROBE 1/8 NPT
210-055	Vapor Prime	PACKING GLAND FOR 1/2 PROBE
99-80102-01	Vapor Prime	ASSY,PCB,VAPOR PRIME INTERLOCK
109-750034S	Valve Plate	Digital Vacuum switch
114-001	Valve Plate	Solenoid valve, 2-way, 24 VDC, fluid, TEBR
114-007	Valve Plate	Valve, 2-way, 24 VDC
213-051	Valve Plate	Valve, 2-way, 24 VDC
213-173	Valve Plate	VALVE AIR OPR NC PP 1/2 FNPT
99-19766-02	Valve Plate	ASSY, FLOW SWITCH, MUPRO
109-056	Heater Control	SWITCH, MOMENTARY SPDT
121-012	Heater Control	ALARM, CONTINUED TONE 6-28 VDC
122-002	Heater Control	Wafer counter
102-0011	Power Supply	Diode bridge, 200V, 30A
103-5884	Power Supply	TRANSISTOR, PNP, 200 W, 80V
107-004	Power Supply	RELAY, 3PDT 24VDC
99-01997	Power Supply	Fuse panel assembly
99-19118-01	Power Supply	Harness, power transistor
99-80199-01	Power Supply	PCB,POWER SUPPLY 88XX

This is not a complete list. Additional parts available upon request.

Updated 6/8/2023