



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

P9000 Cluster System

Part Number	Module	Description
99-8-50018-B	Main CPU	PCB, MAIN CPU, SNGL SLOT, BLANK, NO RABBIT
99-8-50002-01	Main CPU	PCB, RABBIT CORE (Need to Specify Module Firmware)
99-8-50018-13	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER COATER
99-8-50018-14	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER DEVELOPER
99-8-50018-21	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER LIFTOFF
99-8-50018-15	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER CHILL PLATE
99-8-50018-16	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER HPO
99-8-50018-17	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER VP
99-8-50018-19	Main CPU	PCB Board, MAIN CPU, SNGL, CLUSTER INDEXER
99-8-50019-13	Main CPU	PCB Board, DRIVER, P9000 HPO / VP
99-8-50019-15	Main CPU	PCB Board, DRIVER, P9000 INDEX
99-8-50019-16	Main CPU	PCB Board, DRIVER, P9000 COATER / DEV / LIFTOFF
2021-60-9103-00	Robot	CERAMIC, END EFFECTOR 3-4-6-8
65-02-5009	General	Air Cylinder Position Sensor (Angled)
65-02-5010	General	Air Cylinder Limit Position Sensor
65-01-0002	General	MOTOR, LINEAR ACTUATOR STEPPER 75MM (U/D)
65-10-0005	General	Step motor driver, 2 phase, 3A
0904-20-2001-00	General	SUB STEP DRIVER 5 PHASE (Driver for Rotate Arm)
65-01-0005	General	Gear Stepper Motor Nema 17 (Motor for Rotate Arm)
65-02-0002	General	Flag Sensor (Limit Sensor)
65-02-0003	General	Flag Sensor LH (Limit Sensor)
65-02-0004	General	Flag Sensor RH (Limit Sensor)
65-02-0005	General	Flag Sensor Straight (Limit Sensor)
65-02-0028	Indexer	Scan Laser sensor (P9000 Index)
65-10-5003	Indexer	Amplifer for Mapping Sensor Digital
65-02-0001	Indexer	SENSOR, PUSHBUTTON, NPN cassette
65-02-0011	HPO	RTD PROBE, THERMAL SENSOR
0122-60-0022-01	HPO	CAP, PLASTIC, LIFT PINS, .094 OD
121-75192-04	HPO	CONTROLLER, TEMPERATURE DIGITAL
0902-20-2065-06	HPO	HOT PLATE 4-6-8, VACUUM TYPE (block + plate)
2021-60-1070-07	HPO	TOP BLOCK (VACUUM), HPO 4-6-8
0902-60-0020-00	HPO	HOT PLATE 4- 6-8 INCH, PROXIMITY 6 MILS
70-02-0008	VAPOR PRIME	Solenoid valve, Vacuum
0902-60-0020-00	VAPOR PRIME	VP HOT PLATE 4- 6-8 INCH, PROXIMITY 6 MILS



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2021-60-1070-06	VAPOR PRIME	TOP BLOCK, VP HPO 4-6-8
65-02-0010	VAPOR PRIME	Over-temp switch
65-02-0012	VAPOR PRIME	RTD probe
0091-60-0006-03	VAPOR PRIME	Vapor Prime Lift pin
0122-60-0022-02	VAPOR PRIME	Teflon tip
70-04-0006	VAPOR PRIME	O-ring, silicone
0231-60-0008-00	CHILL PLATE	Pins, Wafer support
70-01-0014	CHILL PLATE	Cylinder, Air
70-03-5002	CHILL PLATE	Valve, Flow Control
70-02-0003	CHILL PLATE	Vacuum solenoid
109-750034S	CHILL PLATE	Gauge, Vacuum
209-034	CHILL PLATE	Gauge, Flow meter
0122-60-0022-00	CHILL PLATE	Telon tip
0902-20-2011-02	CHILL PLATE	CHILLER BLOCK ASSEMBLY, CHILLER 4-6-8
0904-20-2001-00	Coater / Developer/ Synchro	SUB STEP DRIVER 5 PHASE (Driver for Rotate Arm)
65-01-0005	Coater / Developer/ Synchro	Gear Stepper Motor Nema 17 (Motor for Rotate Arm)
65-01-0001	Coater / Developer/ Synchro	Servo Motor Nema 23 (Main Spindle Motor)
0331-20-0001-00	Coater / Developer/ Synchro	ASSY, SPINDLE CONTROLLER C&D (Developer/Coater)
112-1001	Coater / Synchrospin	MOTOR, AC BRUSHLESS MOTOR
65-10-0001	Coater / Developer/ Synchro	Encoder
0161-60-0048-00	Coater / Developer/ Synchro	RIGID COUPLING
70-01-0011	PRIME/ HPO / Synchro	Air cylinder Compact
0122-60-0022-03	DEVELOPER	Teflon Cap, lift pin
109-750034S	DEVELOPER	Gauge, Vacuum
65-01-0005	DEVELOPER	Motor, stepper, gear, radial motor
65-01-5005	DEVELOPER	Linear actuator, stepper motor
65-02-0003	DEVELOPER	LH limit sensor
65-10-0001	DEVELOPER	Encoder, motor
75-02-5003	DEVELOPER	Valve, suckback
65-02-5010	DEVELOPER	Sensor for air cylinder
70-02-0002	DEVELOPER	Solenoid valve, air
70-02-0008	DEVELOPER	Solenoid valve, Vacuum
70-03-0001	DEVELOPER	Valve, Flow control
0331-20-0001-00	DEVELOPER	ASSY, SPINDLE CONTROLLER C&D (Developer/Coater)
0901-20-1011-03	Exhaust	Exhaust Controller
0904-20-1001-01	Exhaust	Exhaust Controller Display



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209-061	Flow Panel	FLOW METER 2-10 GAL/HR, SS VALVE
75-03-0034	Flow Panel	GLASS FLOW METER W/O VALVE (50ML/MIN)
213-015	Flow Panel	NEEDLE VALVE SS 1-8 NPT
209-104	Flow Panel	FLOWMETER, 2-25 LPM AIR, W/VITON O'R
209-105	Flow Panel	Flow meter 2-10 L/M
70-02-5001	Flow Panel	SOLENOID VALVE, SST, VITON 1/8 NPT
209-157	Flow Panel	Flowmeter, AIR, 5-50 Liters / Minute, SS Valve
209-100	Flow Panel	FLOWMETER, .615-5 GAL/HR, NO VALVE
75-01-5001	Flow Panel	REGULATOR, SYSTEM PURGE
75-01-5006	Flow Panel	AALBORG Flowmeter, SS Float, w/ Valve (Spray/Stream)
75-02-5003	Flow Panel	VALVE, SOLENOID / SUCKBACK AIR 1/4ODT
75-02-5002	Flow Panel	VALVE, SOLENOID / SUCKBACK AIR 1/8 Tube
75-02-5005	Flow Panel	FLOW METER 100CC VISI-FLOAT
75-03-0066	Flow Panel	Flowmeter, 250cc/min, Sapphire Float, PTFE Seal, No Valve

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

Updated 6/8/2023