1. General Information

- Maker :	Lam Research	**- Model :**	STRATA-3
		- Vintage :	11/23/2016
- Wafer size :	300mm	**- Process :**	CVD

2. EFEM (MACH IQ SFEM)

Description	Maker	Model	P/N	Remark
Load port	TDK	TAS300		x 3ea
ATM Robot	Kawasaki	3NT520B-A003		
ATM Robot Controller	Kawasaki	30D60F-A221		
Wafer Handler	Kawasaki	3NS004S-C005		
Pressure Sensors	Setra	26710R1WD2ED9CN		
HI-LOW PRESSURE MODULE	Bluecord Technology	MCUL32P-PWM		
SFEM POWER BOX	LAM	853-249751-001	853-249751-001	
COMPUTER EC2 WINXP UI MODULE ASSY	LAM		685-151509-001	
Ethernet Device Server	COMTROL	LT16	685-008189-102	
2-Console 16-Port CAT 5 KVM Switch	ALTUSEN	KH2516A		
Modules Accessories	Advantech	ACP-1010		
COMPUTER , ES3, 4-ENET, SSD	LAM		853-189925-321	x 3ea
EIOC	LAM		02-448199-00	
HMS Networks	Anybus	X-gateway		x 4ea
LOTO, ETHERNET RELAY Board	LAM		26-447002	
FFU Unit				

2. PM1 (Strata Mod B)

Description	Maker	Model	P/N	Remark
Indexer / Spindle 2-Axis Controller	Trust Automation	C-2030-D01		
Pendulum Valve	VAT	65040-PACV-BUJ1		
Cooling Fan	COMAIR ROTRON	CR0424HB-C50		x 4ea
VT/CVT vacuum controller	TELEDYNE	Digital CVT		
Low Pressure Monitor	UE	ECHOLINE® Series		
AXIS SPINDLE	NOVELLUS		02-409487-00	
RF MATCH	COMET	832-157607-005	20085699	
4 port TDMM Assy	MKS		1022036-001	
Unmanaged Ethernet Switch	Phoenix Contact	2891151		x 3ea
MFC	Brooks	GF125CXXC		x 17ea
Pneumatic Solenoid Valve	SMC	SV1A00-5FU-X40		x 7ea
VI Probe Sensor	MKS		1027018-001	x 4ea
Servo Motor	MOOG ANIMATICS	SM23165DT-LAM2		x 4ea
Power Supply	LAM		853-153059-005	x 4ea
3-Pole Contactor	ABB	AF50-30RT		
Circuit Breaker	ABB	S8003U-K80		
10A C-curve miniature circuit breaker	ABL	C10		x 8ea(Cxx Series)
TEMP PROCESS CONTROLLER	LAM		61-380630-00	
Ethernet I/O CONTROLLER	LAM		61-463829-00	
LOW FREQUENCY GENERATOR	AE	Paramount	27-444469-00	3Kw
GENERATOR	AE	APEX-5513	27-373073-00	
RPS	MKS	ASTRON	AX7685-33	

3. PM2 (Strata Mod C)

Description	Maker	Model	P/N	Remark
Indexer / Spindle 2-Axis Controller	Trust Automation	C-2030-D01		
Pendulum Valve	VAT	65040-PACV-BUJ1		
Cooling Fan	COMAIR ROTRON	CR0424HB-C50		x 4ea
VT/CVT vacuum controller	TELEDYNE	Digital CVT		
Low Pressure Monitor	UE	ECHOLINE® Series		
AXIS SPINDLE	NOVELLUS		02-409487-00	
RF MATCH	COMET	832-157607-005	20085699	
4 port TDMM Assy	MKS		1022036-001	

Unmanaged Ethernet Switch	Phoenix Contact	2891151		x 3ea
MFC	Brooks	GF125CXXC		x 17ea
Pneumatic Solenoid Valve	SMC	SV1A00-5FU-X40		x 7ea
VI Probe Sensor	MKS		1027018-001	x 4ea
Servo Motor	MOOG ANIMATICS	SM23165DT-LAM2		x 4ea
Power Supply	LAM		853-153059-005	x 4ea
3-Pole Contactor	ABB	AF50-30RT		
Circuit Breaker	ABB	S803U-K80		
10A C-curve miniature circuit breaker	ABL	C10		x 8ea(Cxx Series)
TEMP PROCESS CONTROLLER	LAM		61-380630-00	
Ethernet I/O CONTROLLER	LAM		61-463829-00	
LOW FREQUENCY GENERATOR	AE		27-444469-00	
GENERATOR	AE	APEX-5513	27-373073-00	
RPS	MKS	ASTRON	AX7685-33	

4. AC Rack

Description	Maker	Model	P/N	Remark
Circuit Breaker	Fuji Electric	EW50RAGU-3P030K		x 1ea
Circuit Breaker	Fuji Electric	EW32AAG-2P010		x 3ea
Circuit Breaker	Fuji Electric	EW100EAGU-3P060K		x 4ea