

SEC Equipment List

Drilling

Mania Micronic 86 - 01

Mania Micronic 86 - 02

Mania Micronic 81 - 04 - Single Spindle

Century - 05

Century - 06

Century - 07

Century - 09

Century - 11

Century HVP - 12

Century - 14

Mark VI - 01

Mark V - 02

Mark V - 03

Mark V - 04

Mark V - 05

Mark VI - 06

Mark V - 08

Mark VI - 09

Mark V - 10 Flash Routing

Accuscore Scoring - 01

Accuscore Scoring - 02

SEC Equipment List

ALPHA 01 - Test Fixture

CMM - AccuGage

Mark VI - 07

Schmoll MX2-160S - 19

Accuscore Scoring - 03 / Horizontal Type

AIR COMPRESSORS

Doors-Windows SC/DR Area

Cooling Water Circulation System

Beveling Machine

Mania Routing Machine

Dust Collector

Vision Smart Drill

Mania Micronic 86 - 21

Mania Drilling - 22

Schmoll 6-spndl - 23

Concept 129 Single

Pieces Scoring

Pluritec X-ray Vision Drill

Accuscore Auto Load/Unload

Final Inspection

Inspection - Final Inspection Ovens - Testing Area Cleanning

SEC Equipment List

Multilayer Lamination

Buerkle Multilayer Lamination Hot Press #1

Buerkle Multilayer Lamination Hot Press # 2

Buerkle Multilayer Lamination Cooling Press # 1

Buerkle Multilayer Tool Breakdown #2

Buerkle Multilayer Tool Breakdown #1

Deburr - ML Area

Inner Layer Prebaking Racks

Buerkle Hot & Cold Presses

Plating

Cobra Bond

DES

Etchback / Desmear

Deep/Hard Gold Line

Immersion Gold

Immersion Silver

Multilayer Press - 01

Multilayer Press - 02

Plating Line 2

Plating Resist Stripping

Regular Etching Line

SEC Equipment List

Panel Sanding Machine

Shadow

Electro Gold Plating

Tin Stripping Line

Pola Massa

Penta Automatic HASL

Penta 550 #4 Lead Free

Deburr 2

Pressed Laminated Panel

Doors-Windows Layup Area

PRE HASL Cleaning Line

Dri Lube Spray - Lamination Press Layup Stn.

Multiline Multilyaer Depinner - Regular 2

Pressed Laminated Panel

Plating Line 3

TimeSavers Sanding

OSP

Multilayer - Boiler

Horitinlead HASL #3

DES - PLEER

Deburr #3

Pre-Preg Cooler

SEC Equipment List

Post HASL Cleaning line

Multilayer Press - 03

Panel Loader

Panel Loader

Panel Loader

Panel Unloader

Panel Unloader

Panel Unloader

Waste Treatment

Quality Lab

Cross-Section Machine

UV spectrometer maintenance - Yearly

XRF 2000 by UPA- Yearly

AA spectrometer

Weight loss coupons for microetch and desmear

Regular Inspection

Electrical Testing Mania Double Side - 02

Electrical Testing Mania Double Side - 03

Electrical Testing Mania Double Side - 04

Electrical Testing Mania Double Side - 05

SEC Equipment List

Electrical Testing Microcraft Flying Probe Tester - 08

Electrical Testing Microcraft Flying Probe Tester - 09

Electrical Testing Microcraft Flying Probe Tester - 10

Electrical Testing Microcraft Flying Probe Tester - 11

Electrical Testing Ultim 8 Flying Probe Tester - 12

Electrical Testing Ultim 8 Flying Probe Tester - 13

Polar Impedance Control

Inner Layer Punching - 07

Electrical Testing Ultim 8 Flying Probe Tester - 19

ATG Flying Probe Tester - 21

Gardian Flying Probe - 22

Camtek Phonix - HDI - 25

Camtek Phonix - HDI - 26

Copper Inspection

Final Inspection

Final Finish Inspection

Inner Layer Punching - 27

Screening

AT-30 Exposure - 11 A

AT-30 Exposure - 11 B

AT-30 Exposure - 12 A

SEC Equipment List

AT-30 Exposure - 12 B

Pumic Scrubber

Spray Coater 06

Manual Screening

Jet Scrubber

Final Baking Convection Oven

LPI Exposure Vacuum Pump

VHF 300V Via Plugging

AP-30 EXPOSURE - 14 A

AP-30 EXPOSURE - 14 B

Spray Coater 12

BOX OVEN -1

Orbotech Legend Printer

LPI Image Room Glass Wall

AT-30 Exposure

Schmiedeskamp LPI Developer

Exposure # 11,12,14,15

Inkjet Printer Room Glass Wall

Orbotech Legend Printer

Orbotech Legend Printer

Mech-etch

VHF 300V Via Plugging

SEC Equipment List

OLEC 8P30 Exposure

AT-30 Exposure - 15 A

AT-30 Exposure - 15 B

Shipping

Washing Line

ACCVACS E2000V Retractable Nozzle Vacuum Sealer 20"

Stock Making

Stock Making - 03

Stock Making - 04

Stock Making - 05

Testing

Electrical Testing Mania Double Side - 06

Electrical Testing Mania Double Side - 20

Yellow Room

AP-30 Exposure - 06 A

AP-30 Exposure - 06 B

AT-30 Exposure - 01 A

AT-30 Exposure - 01 B

SEC Equipment List

AT-30 Exposure - 02 A

AT-30 Exposure - 02 B

AP-30 Exposure - 04 A

AP-30 Exposure- 04 B

AX-28 Automatic Exposure

AT-30 Exposure - 09 A

AT-30 Exposure - 09 B

Resist Laminator - 02

Photoplotter 01

Photoplotter 02

Inner Layer Cleaning Line

Film Punch

AT-30-Exposure-03 A

AT-30-Exposure-03 B

Vacuum Laminator

Regular Developer Schmiedeskamp

Innercore Cleaning (Tacky Roller)

Exposure # 1,2,3,6,9

Resist Laminator - 04

DES PIT SUMP PUMP

Film

Resist Laminator - 06