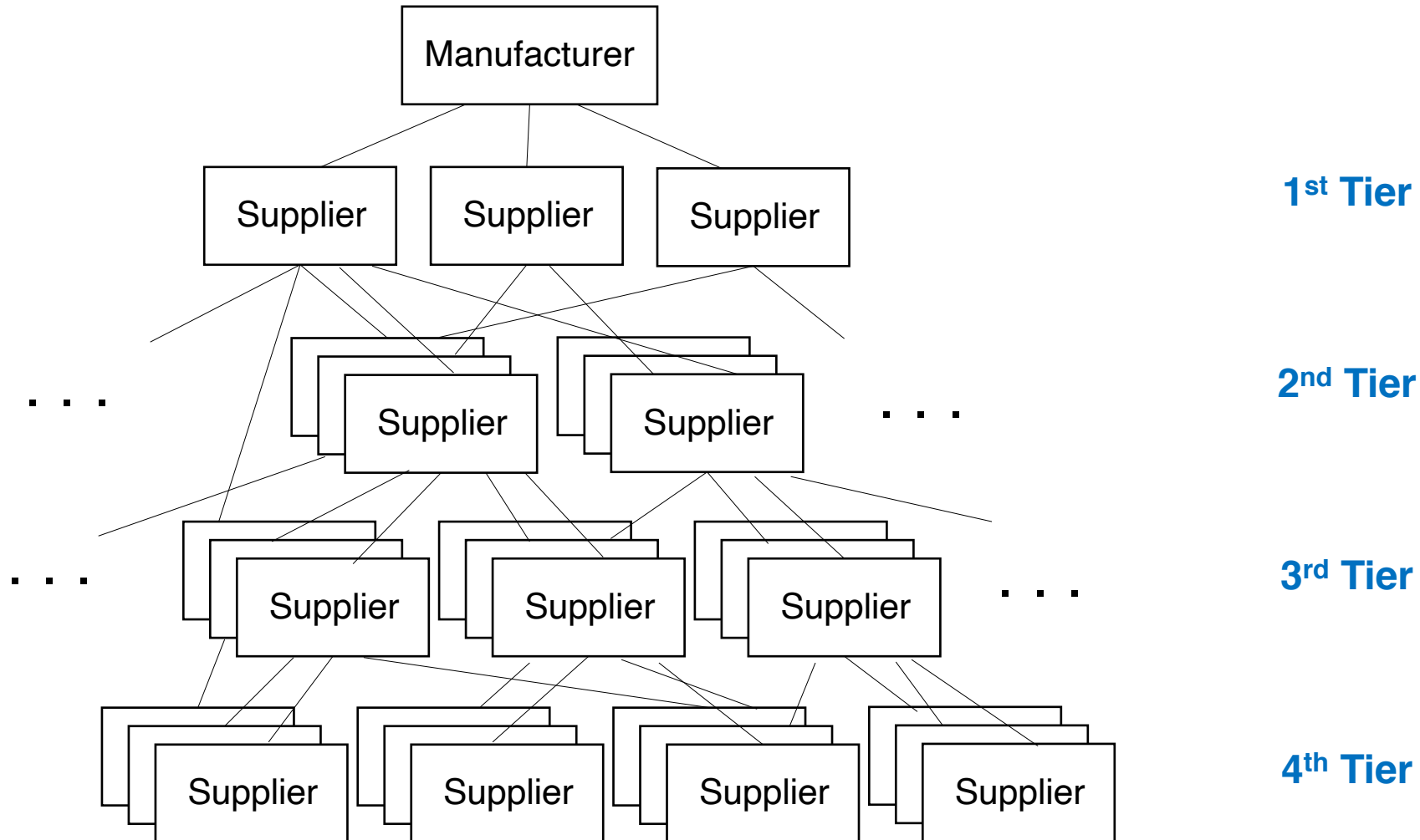
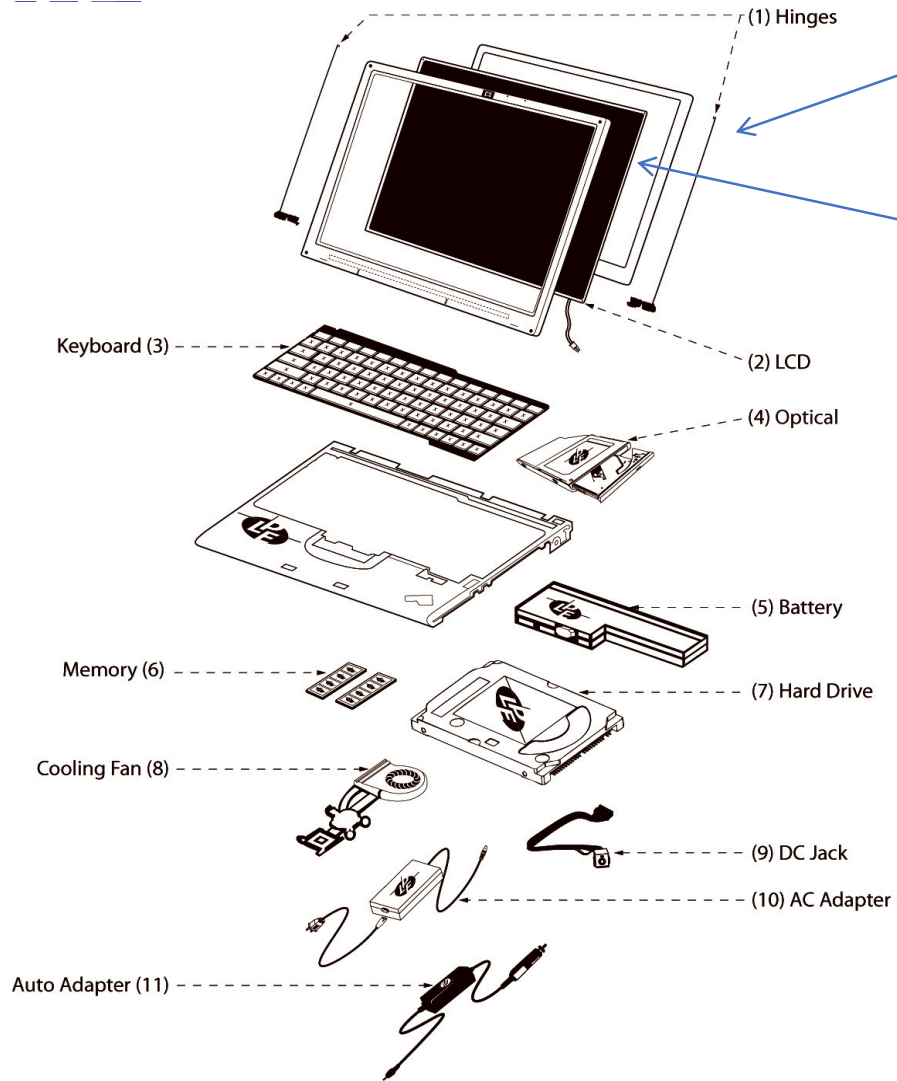


Deep Supply Chain Tiering



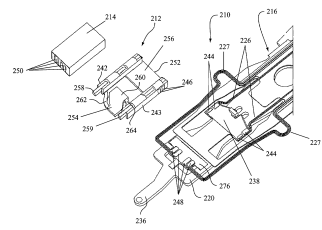
Specialization

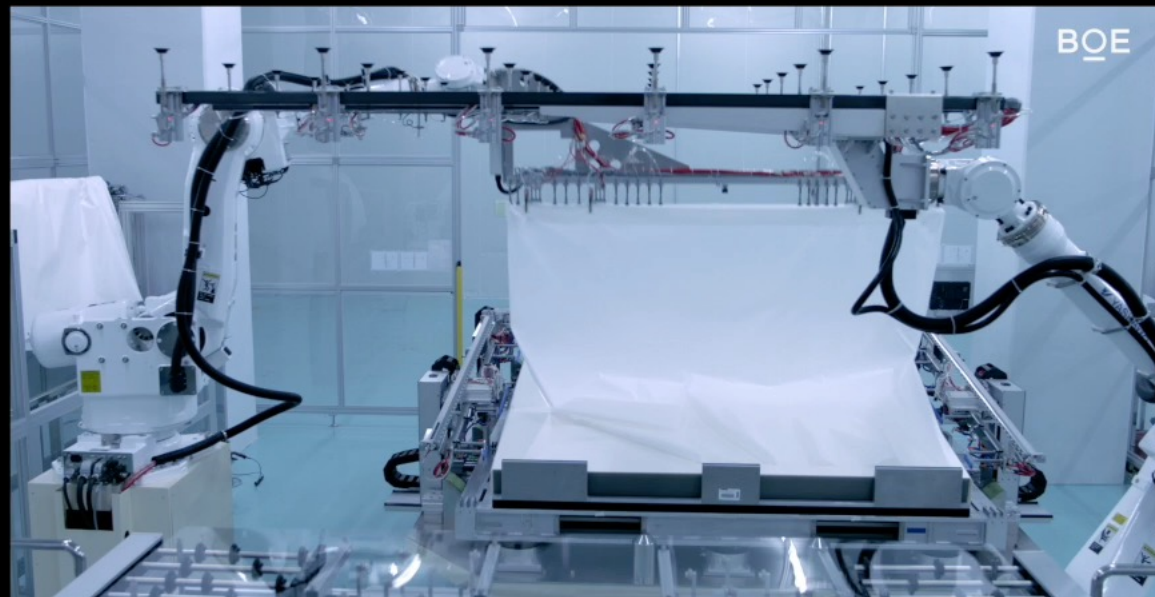


- Display Backlight Assembly
- Brightness enhancing film
 - LED lighting assy
 - LED bar array

- TFT-LCD Module Assembly
- Bezel Assembly
 - Display Drivers
 - Flex circuits
 - TFT-LCD Module
 - Optical glass sheets
 - Polarizer films
 - Cellulose triacetate sheets
 - Various chemicals
 - Color Filter Dies
 - Indium Tin Oxide
 - Amorphous silicon for sputtering
 - Lots of tools
 - Tool components (many)

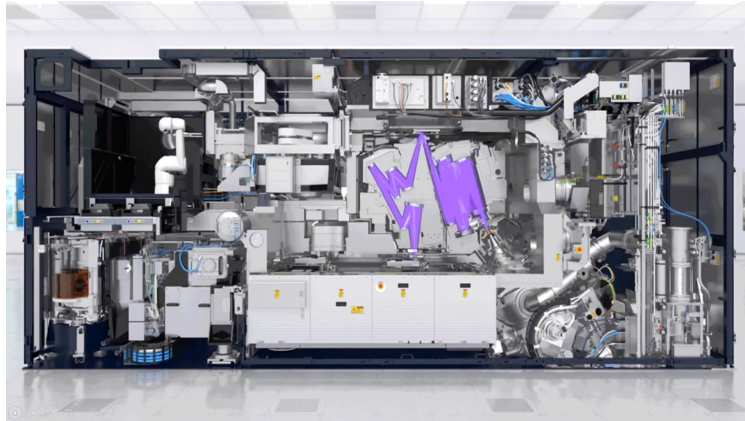
- 2.5" Disk Drive
- Housing
 - Motor assembly
 - Motor bearings
 - Stator
 - Platter assembly
 - Head assembly





Optical Engine

ZEISS, Oberkochen, Germany



EUV Lithography Tool

ASML Holding, Veldhoven, Netherlands



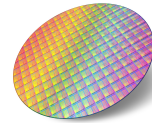
EUV Light Source

Cymer, San Diego, CA



Cooperative R&D

IMEC, Leuven, Belgium
Albany NanoTech, Albany NY



Semiconductor Fabs

Intel, OR, AZ, Ireland, Israel
TSMC, Taiwan (USA)
Samsung, Korea, USA



OSATs

ASE, Taiwan
Amkor USA/SE Asia
JCET, China
SPIL, Taiwan/SE Asia
...

Design Tools

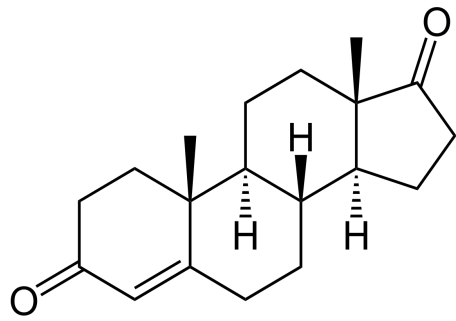
Synopsis, USA
Cadence, USA
Siemens-Mentor, USA
...



Fabless Chip Companies

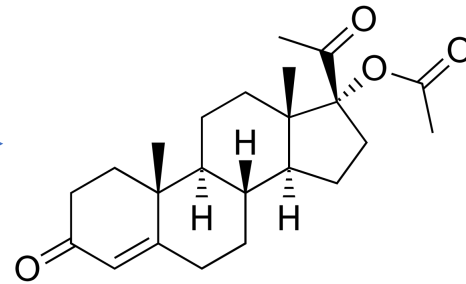
Apple, Qualcomm, Nvidia, AMD, ...





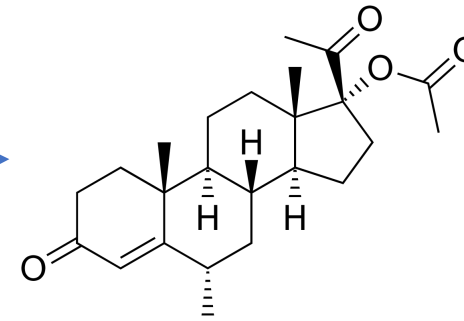
4-Androstenedione

Basic starting material for many steroid drugs
Largest Manufacturers:
Yicheng Goto Pharmaceutical, **China**
Bayer AG, **Germany**



Hydroxyprogesterone Acetate

Produced by Chinese manufacturer

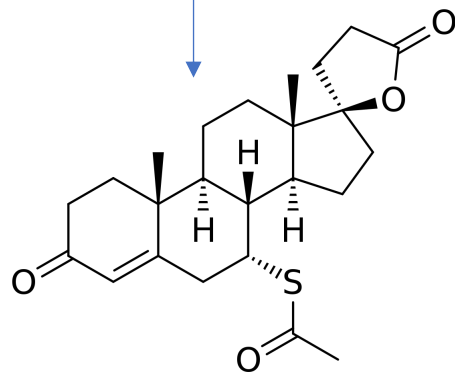


Medroxyprogesterone Acetate

Pfizer: Provera®

Produced by Farmabios in **Italy**

Uses: Contraceptive, endometriosis,
menopausal hormonal therapy

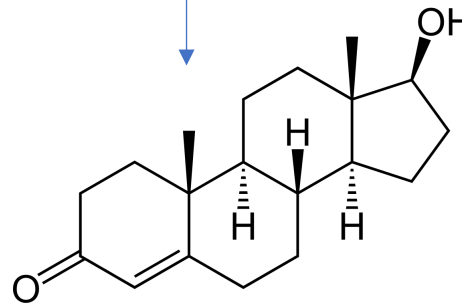


Spironolactone

Pfizer: Aldactone®

Largest Manufacturers:
Tianjin Jin Jin & Tianjin Tianyao, **China**

Uses: Treating fluid build-up due to heart failure, liver scarring, kidney disease; hormone therapy



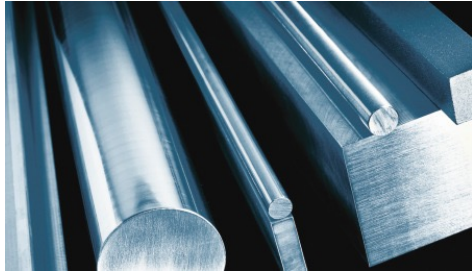
Testosterone and Testosterone Cypionate

Produced by Aspen Pharmaceuticals in the **Netherlands**

Uses: Hormone therapy

Top European Countries for Pharmaceutical Exports to USA

- Ireland
- Germany
- Switzerland
- United Kingdom



Voestalpine – High Performance Metals

Linz, Austria

High performance metals

ONLY approved base metal source

NO domestic supplier can meet Boeing/Airbus specifications



Long-Stanton Manufacturing Co.

West Chester Township, Ohio

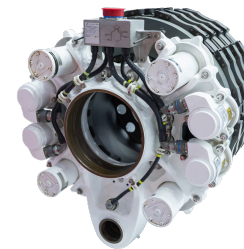
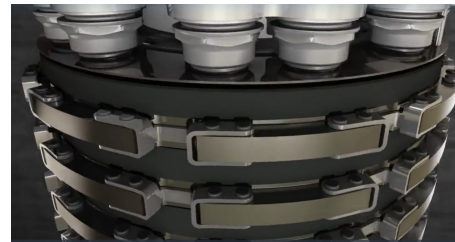
Manufactures mounting bracket for carbon fiber brakes on Boeing 787 (and other commercial aircraft)



Boeing 787 Final Assembly

North Charleston, South Carolina

Photo: Post & Courier



Messier-Bugatti-Dowty – Safran Landing Systems

Vélizy-Villacoublay, France

Incorporates brackets in carbon fiber brakes, integrates brakes into landing gear

Photos: Safran Landing Systems

Testimony of Willy C. Shih