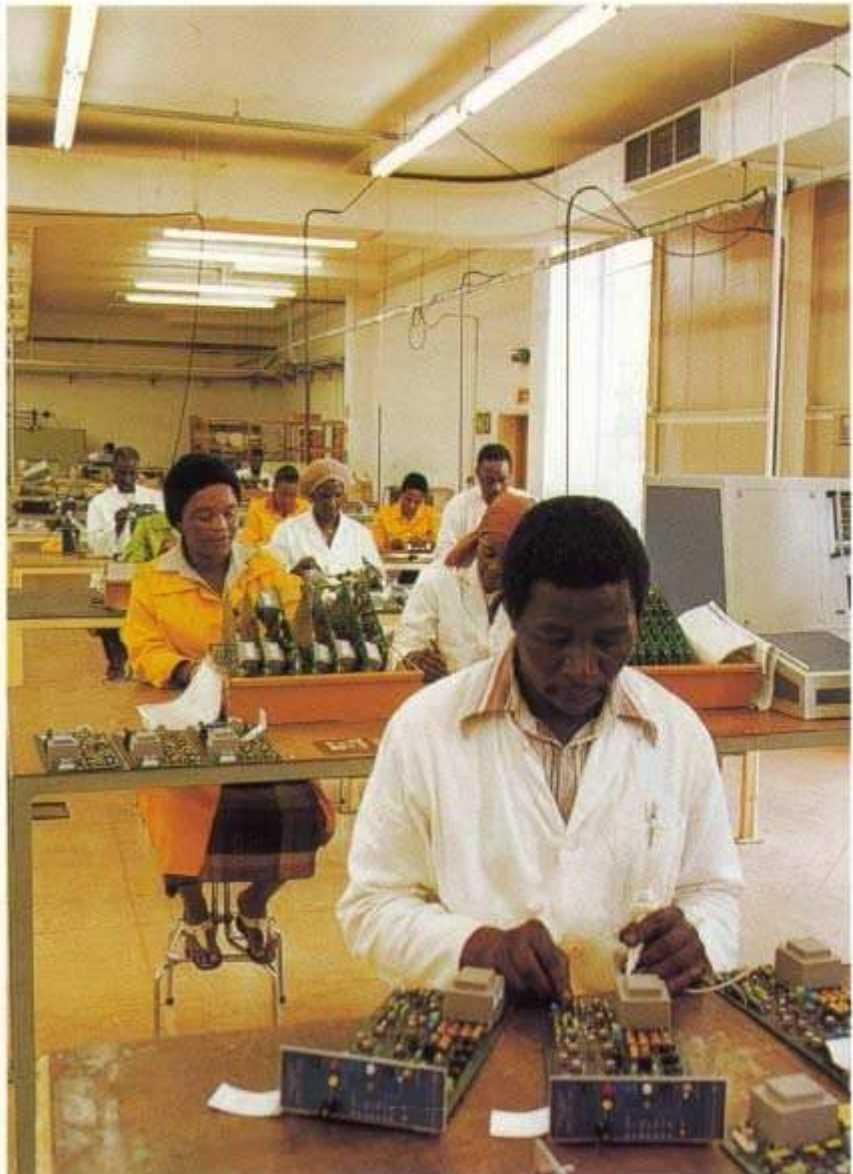


# Manufacturing projects



Messina offers customers a comprehensive design and manufacturing service in the computer and microprocessor fields complying with the highest quality standards.

The Company's various services include:

- **Design** of customised circuits especially in digital techniques.
- **Artwork** and component layout of PCBs
- **Sourcing** of components with computerised scheduled ordering, and sourcing from the Group's outlets in the United States, Europe and the Far East.
- **Sorting** of components into kits.
- **Assembly** of components in manual or semi-automatic fashion.
- **Wave Soldering** of PCBs ensuring quality joints.
- **Cleansing** of PCBs for removal or residual flux.
- **Post-Soldering** assembly for prevention of damage to heat sensitive components.
- **Protective Coatings** are provided by the use of anti-moisture sprays.
- **Mechanical Assembly** of sub-modules, chassis and cabinets, e.g. printers and terminals.
- **Testing** of cards and equipment is conducted manually or by computerised automatic operation.
- **Quality Assurance** is offered for all the areas of activity of the Company with compliance to BS 5179, Part 2.