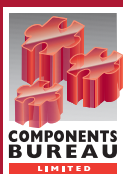




Outsourcing to China

The Complete Picture with Components Bureau





The Power to Succeed

Components Bureau & Surface Mount Technology Holdings - Leading the way to outsourcing success

- ★ By 2010 China is forecast to have 30% of the world's electronics manufacture
- ★ 33% of Chinese graduates are studying engineering subjects
- ★ Surface Mount Technology Holdings Ltd has four production plants totalling over 100,000 square metres
- ★ A new 20,000 square metre factory will open in Tianjin
- ★ Across all production facilities Surface Mount Technology has 143 fully automated SMT lines and over 400 sets of PNP machines running 24/7
- ★ 14,000 workers are employed on a double shift rota basis
- ★ Member of China RoHS working group; own in-house RoHS Test Laboratory
- ★ Two Research and Development facilities are planned for Hong Kong and Dongguan



Technical References

Manufacturing is carried out to the following certified standards

- ★ ISO 9001 (Quality Assurance)
- ★ ISO/TS 16949 (Automotive Product Manufacturing)
- ★ ISO 14001 (Environmental Protection)
- ★ OHSAS 18001 (Occupational Health & Safety)

Assembly Capabilities

- ★ SMT
- ★ PTH Auto Insertion
- ★ BGA
- ★ Flip Chip Bonding (Chip on Board)
- ★ Manual Insertion
- ★ Wire Bonding
- ★ Complete Product (Assembly - Box Build)
- ★ Lead-Free Soldering
- ★ Flexible PCBA





Expertise and Experience

Components Bureau & Surface Mount Technology Holdings - The Professional Partnership

Components Bureau was established in 1985 as an innovator in outsourcing to the Far East and now leads the way in standards of professionalism, quality and reliability. The only official UK partner of Surface Mount Technology Ltd., one of China's largest independent electronics manufacturers, the two companies offer an unrivalled combination of experience, resource and technological expertise for the UK.

Competitive costs and fast volume production are just two of the advantages Components Bureau and SMT can offer together. Single point of contact project-management means seamless outsourcing for the customer.

The Components Bureau service is designed to deliver all the advantages of manufacturing in China with none of the potential drawbacks. With decades of local knowledge behind the company, unrivalled alliances with trusted partners and an open-book tracking and tracing system, customers can enjoy the benefits of world-beating manufacture with guarantees of quality, delivery and accountability.

Initial audits, material procurement, assembly, ICT, functional test, conformal coating, final assembly, import to the UK and delivery to a distribution centre are all aspects usually



encompassed within Components Bureau's remit; it also has storage facilities at its own premises as a buffer for JIT systems.

The range of products outsourced runs from single component to full turnkey package across a broad spectrum of markets including data acquisition, automotive, domestic appliances, hi-fi and audio equipment.

SMT is a US\$352 million company, based in Hong Kong and with four state-of-the-art manufacturing facilities throughout China. Ranked in the top-ten Asian-based EMS providers it is listed on the Singapore stock exchange. Customers include Clarion, Bosch, Sony, Samsung and IBM.

As the first Chinese company to be certified as a Sony OEM 'Green' Partner, Components Bureau's partners are all pro-active in Green Manufacturing, with over 80% of SMT lines lead-free and RoHS compliant. The founder of SMT, Professor Chan Kei Bui is honorary chairman of the Hong Kong Green Manufacturing Alliance (HKGMA).

Key Personnel and Contacts

Learn more about us...

Andrew Ferrier *Commercial Manager*



Andrew is Commercial Manager of Components Bureau, responsible for sales, operations and quality; he joined the company in 1993 and has clocked up many thousands of miles travelling to and from China since then. Andrew's areas of expertise range from procurement and material control to logistics and customer interface. This is all supported by an in-depth knowledge of manufacturing processes and techniques built up throughout his career.

Cheng Yoe *Managing Director*



Cheng founded Components Bureau in 1985 to source products from Asia to satisfy the needs of a strong manufacturing base in the UK. In those days, this was predominantly Japan, Taiwan and South Korea. The experience gleaned proved very useful in making the migration to managing outsourcing as more and more UK OEMs looked off-shore for lower manufacturing costs. A graduate in Electrical Engineering, Cheng has a wealth of experience in the electronics industry having worked in OEM and Distribution for over 35 years.



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