



Firma: Micro Crystal AG
 Internet: www.microcrystal.com

Micro Crystal AG, a subsidiary of The Swatch Group Inc. Switzerland., was founded in 1978 in Grenchen, Switzerland, as a producer of timing crystals for watches. Today, Micro Crystal AG is a leading manufacturer of miniature Quartz Crystals (32kHz to 250MHz), Real Time Clocks, Oscillators and OCXOs for the world's leading manufacturers of mobile phones, consumer products, computers, automobile electronics, watches, industrial controls, as well as medical implantable devices and other high-reliable product applications. With offices located around the globe, Micro Crystal AG provides in-depth support for our customers from design-in to mass production. Our factories, located in Thailand and China, respond to the needs for cost-sensitive production. Highly dedicated and reliable custom quality inspection in Switzerland assures that each device meets or exceeds individual performance expectations. Micro Crystal AG is highly vertically integrated. Our control of the entire production process, from raw materials via photolithography, to assembly, testing and shipping provides the high quality standard that our customers have come to expect. The high quality and zero-defect rates of our critical products team in Grenchen makes us the number one choice of the world's leading suppliers of medical implantable devices around the world. Our Asian factories are able to meet the cost goals demanded by makers of broader market electronic products. All of our production locations are certified to ISO 9001, and partly by ISO/TS 16949.

Our commitment to our customers and the dedication of our 850+ worldwide employees are the cornerstones of our success. This approach provides us with a competitive edge that will continue well into the future. Continual investment in R&D focuses primarily on size reduction of next-generation components and enhancement of performance. Our customers in consumer and medical products have benefited from these developments, allowing them to produce smaller and more energy-efficient products.

We have clearly defined our management, environmental and social responsibility principles of conduct (referring to international standards like e.g. SA8000 or OHSAS18001). We also encourage of our material suppliers to meet these standards, and provide ongoing monitoring of their processes. Environmental standards as ISO14001 are compulsory, as well as a 100% compliant RoHS product range. REACH Declaration is not just a word, but a firm commitment from Micro Crystal AG.

Crystals

Tuning Fork Crystals 10 kHz – 2.1 MHz	AT Crystals 8 MHz – 30 MHz	Inverted Mesa AT Crystals 30 MHz – 250 MHz
Battery Powered Devices Cell Phones Devices w/ Sleep Mode Handheld Devices Pagers PDA's Security Systems Watches Wireless Devices Pacemakers	Medical Devices Smart Cards Radio & Accessories Tire Pressure Systems Computers Timing Devices	Avionics Automotive Telecom RF-Systems Test Instruments Medical
		SONET VCXOs Frame Relay Gigabit Ethernet 10 base T Filters

Oscillators

Low Power Oscillators 32.768 kHz	Clocks up to 160 MHz	OCXOs up to 60 MHz
GPS Receivers Metering Dashboards Tachographs Cell Phones PDA's	Avionics Telecom Wireless Computers	GPS Base Stations Telecom Timing Satellite Links Internet Infrastructure Stratum 3 Cospas Sarsat

Real Time Clock Modules

RTC Modules 32.768 kHz Crystal embedded			
Cell Phones PDA's Digital Cameras Computers	POS Systems Scales Security Systems Health Care	Automotive Data Loggers Metering Glucose Meters	White Goods Car Radios Factory Automatization Dashboards