

Citizen Products and Technology in Use Here, There and Everywhere

Citizen's wide ranging business activities make it an integral part of society. Citizen products and services play a crucial role behind the scenes of our day-to-day lives.


25 Publication
Publishing technical books chiefly in fine arts and history and running the book section in the museum shop of the Tokyo National Museum and elsewhere




24 Zirconia ceramic parts for optical communicator (Optical Network)
Used in connectors for fiber optic cables




23 Highly reliable Liquid Crystal Display (Gas meters)
Durable specifications even at high temperature and humidity



22 Electronic dictionary
Used to store Japanese and bilingual Japanese-English dictionary data and medical, health-related and general information



21 Digital thermometer
Instant readings approximately every 30 seconds. Softer tip for more comfortable fit inpatients' armpits




Digital blood pressure monitor
Easy to use health management support tools with clear displays



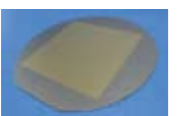
20 Leisure Facilities
Providing multipurpose entertainment venues, from ice rinks to culture schools



19 Wave Plate (Optical Disk Drives)
An optical device used in Blu-Ray optical pickups



Submount (Optical Disk Drives)
A ceramic substrate with high radiation performance mounted with laser and diodes for optical disks




1 Watch
Eco-Drive watches first watches to be granted Eco-Mark certification in 1996



2 Quartz Crystal Devices (Home Electronics)
Reference signals used to ensure that electronic equipment is functioning correctly




3 LED (Lighting)
Low-energy consumption, long life, mercury free, environmentally friendly lighting

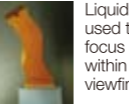


* Short for "Liquid Crystal on Silicon," LCOS are LCD panels that use silicon substrates.

4 LCOS* (Digital still camera)
Incorporated in electronic view finders that are more compact and slimmer than optical versions



PN liquid crystal (Digital still camera)
Liquid crystal used to display focus area within viewfinders




5 Marriage Ring
Scratch resistant rings that keep their shape



6 Sports timer
High visibility magnetic reversal displays, essential during marathon broadcasts



7 Automotive Components
Manufacturing components for use in ABS brakes, airbags, engines, etc.



LED backlight unit (Car navigation)
Used in the development of slimmer, energy saving car navigation systems




8 Electronic View Finders (Camcorders for professional use)
High resolution viewfinders capable of catching even fast movements during sporting events



9 Time control system
Clocks fitted to buildings or other exterior surfaces, often cherished as symbols representing the local area



10 LCOS* (Projector)
Used in video engines due to high definition and picture quality




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11 Combustion Pressure Sensor (Ship)
Fitted inside engine cylinders to measure combustion pressure



12 Self-service ordering system
Enables restaurant customers to order from menu touch screens at their tables



13 POS Thermal Printer
Used to issue receipts, coupons and tickets




14 Photo Printer
Enabling easy photo printing at locations such as supermarkets and photo stores





18 Quartz Crystal Devices (Mobile Phones)
Used to produce regular signals in time with actions when on standby



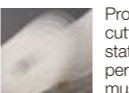
LED (Mobile Phones)
Used for key lights, camera flashes and backlights on mobile phones, etc.



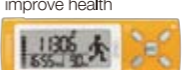
Electronic Paper (Mobile Phones)
World's first electronic paper keypad, harnessing the memory capabilities and flexible properties of electronic paper



17 Glass substrate (Hard Disk Drives)
Processed from glass by precision cutting, polishing, and cleaning for state-of-the-art hard disks used in personal computers, portable music players, and car navigation systems



16 Digital Pedometer
Easy operation for measurement while walking or jogging to help maintain and improve health



15 NC automatic lathe
Machinery used to grind metal to make high-precision components



Measuring instruments
Instruments used to accurately measure small components



Coreless Motor, Gear Head, Encoders
Used in electronic microscopes, radiotherapy equipment, robots, etc.

