

Capacitors		
Conductive Polymer Electrolytic Capacitors	Conductive Polymer Aluminum Electrolytic Capacitors (SP-Cap)	○
	Conductive Polymer Tantalum Solid Capacitors (POSCAP)	○
	Conductive Polymer Aluminum Solid Capacitors (OS-CON)	○
	Conductive Polymer Hybrid Aluminum Electrolytic Capacitors	○
Aluminum Electrolytic Capacitors	Conductive Polymer Aluminum Solid Capacitors (OS-CON)	○
	Conductive Polymer Hybrid Aluminum Electrolytic Capacitors	○
	Aluminum Electrolytic Capacitors (Surface Mount Type)	○
	Aluminum Electrolytic Capacitors (Radial Lead Type)	○
Electric Double Layer Capacitors (Gold Capacitor)	Electric Double Layer Capacitors (Wound Type)	○
Film Capacitors	Film Capacitors (Electronic Equipment Use)	○
	Film Capacitors (AC Motor Use)	×
	Film Capacitors (Automotive, Industrial and Infrastructure Use)	○
Resistors		
Chip Resistors	High Precision Chip Resistors	○
	Current Sensing Chip Resistors	○
	Small & High Power Chip Resistors	○
	Anti-Sulfurated Chip Resistors	○
	General Purpose Chip Resistors	○
	Resistor Network	○
Other Resistors	Leaded Resistors	○
	Attenuator	○
Inductors (Coils)		
Power Inductors for Automotive application	Power Inductors for Automotive application	○
Power Inductors for Consumer	Power Inductors for Consumer	○
Multilayer type Power Inductors	Multilayer type Power Inductors	○
Voltage Step-up Coils	Voltage Step-up Coils	○
Thermal Management Solutions		
Thermal protection sheet (Graphite Sheet (PGS)/PGS applied products/NASBIS)	Thermal protection sheet (Graphite Sheet (PGS)/PGS applied products/NASBIS)	○
NTC Thermistor (Chip type)	NTC Thermistor (Chip type)	○
Cooling Fan with Unique Hydro Dynamic Bearing	Cooling Fan with Unique Hydro Dynamic Bearing	×
Circuit Board Materials	Circuit Board Materials for LED lightings "ECOOL" series	×
EMC Components, Circuit Protection		
EMC Components	Common mode Noise Filters	○
	Electromagnetic Wave Shield Film	×
Circuit Protection (ESD, Surge, Fuse etc.)	ESD Suppressor	○
	Chip Varistor	○
	Surge Absorbers	○
	Fuses	○
Sensors		
Sensors	MR Sensor	×
	6DoF Inertial Sensor for Automotive (6in1 Sensor)	×
	Gyro Sensors	×
	Temperature Sensors (Automotive use)	×
	Position Sensors	×
Built-in Sensors	MA Motion Sensor	○
	Infrared Array Sensor Grid-EYE	○
	PS-A Pressure Sensors (built-in amplification and temperature compensating circuit)	○
	PS Pressure Sensors	○
	PF Pressure Sensors	○
	Dust (PM) Sensor	×
	TOF Camera	×
Sensors for Factory Automation	PIR Motion Sensor PaPIRs	×
	Fiber Sensors	×
	Light Curtains / Safety Components	×
	Area Sensors	×
	Photoelectric Sensors / Laser Sensors	×
	Micro Photoelectric Sensors	×
	Inductive Proximity Sensors	×
	Pressure Sensors / Flow Sensors	×
	Measurement Sensors	×
	Particular Use Sensors	×
	Sensor Options	×
Wire-Saving Systems	×	

Input Devices		
Switches	Detector Switches	x
	Push Switches	x
	Tactile Switches (Light Touch Switches)	x
	Power Rocker Switches	x
	Seal Type Switches	x
	Non Seal Type Switches	x
	Touch Panels	x
	Limit Switches	x
	Snap Switches	x
	Fall Detection Switches	x
Interlock Switches	x	
Force Sensing Capacitive Device	Force Sensing Capacitive Device	x
Encoders, Potentiometers	Encoders	x
	Automotive Encoders	x
	Rotary Potentiometers	x
	Automotive Rotary Potentiometers	x
Semiconductors		
Microcomputers	MN103H Series embedded Panasonic core	x
	MN103S Series embedded Panasonic core	x
	MN103L Series embedded Panasonic core	x
	MN101E Series embedded Panasonic core	x
	MN101C Series embedded Panasonic core	x
	MN101L Series embedded Panasonic core	○
	MN1M7 Series embedded Arm core	x
	MN1M0 Series embedded Arm core	x
Audio & Visual	Human Machine Interface Display LSIs	x
	Audio Integrated LSIs	x
NFC Tag & Secure IC	NFC Tag LSIs	○
	NFC Tag Modules	○
	Secure IC	x
LED Driver ICs	LED Driver ICs for Lighting	○
	LED Driver ICs for Amusements	x
	LED Driver ICs for Illumination	○
Motor Driver ICs	Stepping Motor Driver ICs	○
	3-Phase Brushless DC Motor Driver ICs	○
	1-Phase Brushless DC Motor Driver ICs	x
	Brushed DC Motor Driver ICs	○
	Lens Driver ICs for Camcorder and Camera	○
MOSFETs	MOSFETs for Lithium-ion Battery Protection	○
	MOSFETs for General Switching	○
	MOSFETs for Automotive Cell Balancing	x
	MOSFETs for Automotive Switching Circuit	x
	Other MOSFETs	○
	Red and Infrared (IR) Dual Wavelength Laser Diodes	○
Laser Diodes	Red Laser Diodes	○
	Infrared (IR) Laser Diodes	○
	Image Sensors for Security, Industry and Medical Use	x
Image Sensors	Image Sensors for Broadcasting and Digital Still Camera	x
	Radio Frequency Devices	Low Noise Amplifiers (LNA)
Power Devices	AC-DC converter / Power supply IC (IPD)	x
	DC-DC Regulator for Car-AV and Industry	x
	Battery Monitoring IC	x

Relays, Connectors		
Relays	PhotoMOS	x
	Power Relays (Over 2A)	x
	Safety Relays	x
	Solid State Relays (SSR)	x
	Signal Relays (2A or less)	x
	Microwave Devices (Microwave Relays/Coaxial Switches)	x
	Automotive Relays	x
	High-capacity DC Cutoff Relays	x
	PhotoIC Coupler	x
	Interface Terminal	x
Connectors	Narrow Pitch Connector for board to FPC	x
	Narrow Pitch Connector for board to board	x
	High Current Connectors	x
	FPC/FFC Connectors	x
	Active Optical Connectors	x
	MIPTEC 3D Packaging Devices	x
FA Sensors & Components		
Sensors for Factory Automation	Fiber Sensors	x
	Light Curtains / Safety Components	x
	Area Sensors	x
	Photoelectric Sensors / Laser Sensors	x
	Micro Photoelectric Sensors	x
	Inductive Proximity Sensors	x
	Pressure Sensors / Flow Sensors	x
	Measurement Sensors	x
	Particular Use Sensors	x
	Sensor Options	x
	Wire-Saving Systems	x
FA Devices	Static Control Devices	x
	Energy Management Solutions	x
	Programmable Controllers / Interface Terminal	x
	Human Machine Interface	x
	Machine Vision Systems	x
	UV-Curing Systems	x
	Laser Markers / 2D Code Readers	x
	Timers / Counters / FA Components	x
Motors, Compressors		
Motors for FA & Industrial Application	AC Servo Motors	x
	Brushless Motors	x
	Compact AC Geared Motors	x
	AC Servo Drivers	x
	Brushless Amplifier	x
	Compact AC Geared Speed Controllers	x
	Option (Motors for FA & Industrial Application)	x
	Gear Head	x
Motors for Facility/Home appliance & Automotive	Motors for Air Conditioning	x
	Motors for Vacuum Cleaner	x
	Motors for Refrigerator	x
	Motors for Automotive	x
Compressors	Reciprocating Compressors (Fixed Speed)	○
	Reciprocating Compressors (Variable Speed)	○
	Rotary Compressors (Fixed Speed)	○
	Rotary Compressors (Variable Speed)	○
	Scroll Compressors	○
DC Pumps	DC Pumps	x
Recording Media		
Recording Media	SD Memory Cards	x
	Blu-ray Disc™	x
Custom & Module Devices		
Optical Components	Aspherical Glass Lenses	○
Custom Devices	Chip Ring	x
Module Devices	Ultrasonic Gas Flow Sensor GB-L1CM1	x

Factory Automation, Welding Machines		
FA	Electronic Component Mounting-related Systems	x
	solution items	x
	Device-related Systems	x
	Display-related Systems	x
	measuring-system	x
Welding Machines, Industrial Robots	Final Assembly Test and Packing	x
	Arc Welding Machines	x
FA Devices	Industrial Robots	x
	Static Control Devices	x
	Energy Management Solutions	x
	Programmable Controllers / Interface Terminal	x
	Human Machine Interface	x
	Machine Vision Systems	x
	UV-Curing Systems	x
Industrial Batteries	Laser Markers / 2D Code Readers	x
	Timers / Counters / FA Components	x
Secondary Batteries (Rechargeable Batteries)	Lithium-ion Batteries	x
	Nickel Metal Hydride Batteries	○
	Ni-Cd Batteries (Cadnica)	○
	Coin-type Rechargeable Lithium Batteries	○
	Pin-type Lithium-ion Batteries	x
	Valve Regulated Lead-Acid Batteries	x
	VRLA battery for EV	x
Primary Batteries	Lithium Batteries	○
	Zinc Carbon and Alkaline Batteries	○
Electronic Materials		
Circuit Board Materials	IC Substrate Materials "MEGTRON GX" series	x
	Multi-layer circuit board materials for ICT infrastructure equipment "MEGTRON" series	x
	Circuit Board Materials for wireless/RF communication equipment	x
	Multi-layer Circuit Board Materials for Automotive Components "HIPER" series	x
	Circuit Board Materials for LED lightings "ECOOL" series	x
	Flexible Circuit Board Materials for Mobile Products "FELIOS" series	x
	Halogen-free Glass Epoxy Multi-layer Circuit Board Materials "Halogen-free" series	x
	Glass Epoxy Multi-layer Circuit Board Materials	x
	Mass laminations(Shield board) "PreMulti"	x
	Glass Composite Circuit Board Materials	x
	Paper Phenolic Circuit Board Materials	x
Semiconductor Encapsulation Materials, Adhesives	Semiconductor Packaging Encapsulation Materials for Advanced Package	x
	Semiconductor Packaging Encapsulation Materials for Automotive/Industrial equipment	x
	Liquid Materials for Board level Underfill, Adhesives	x
Plastic Molding Compound	Plastic Molding Compound for LED "FULL BRIGHT" series	x
	High heat resistance Phenolic Molding Compound for Automotive Components	x
	High fluidity LCP resin Molding Compound for Mobile Products	x
	High heat dissipation Unsaturated Polyester resin Molding Compound for Automotive Components	x
	Long-term reliable PBT Molding Compound for Automotive Components	x
	Urea molding compounds	x
	Melamine molding compounds	x
Advanced Films	Optical Films "Fine Tiara" series	x
	Sensor films for large-screen touch panel	x
	Double-side copper laminate PET films for large-screen touch panel sensor	x
Materials		
Pana-Tetra Zinc Oxide Single Crystal	Pana-Tetra Zinc Oxide Single Crystal	x
Pana-Tetra Compound Resin	Pana-Tetra Compound Resin	x
Pana-Tetra Electrification prevention Film	Pana-Tetra Electrification prevention Film	x
AMTECLEAN A Cleaning Agent for Injection Molding Machines	AMTECLEAN A Cleaning Agent for Injection Molding Machines	x
AMTECLEAN Z Inorganic antimicrobial agent	AMTECLEAN Z Inorganic antimicrobial agent	x