

Murata Products for Industrial Electronics

All your passive electronic components in one stop...

As the one manufacturer offering a complete range of passive electronic components, Murata products for industrial electronics include:

- Ceramic capacitors
- Sensors
- EMI suppression filters
- Ceramic resonators
- Piezoelectric sound components

Additionally, Murata supplies a broad range of Power Supplies, RF products, Bluetooth® and WiFi modules.

Make your industrial design come to life with Murata Technology...

On the next page you will find our Industrial Product Application Matrix, featuring a selection of Murata products for industrial applications.

This overview is not exhaustive, and some applications may not be included in this matrix. If this is the case, please contact your local sales representative for more information on a specific design and application.

Further detail on our product range can be found in the Murata Product Selection Guide.

Industrial Product Application Matrix			Industrial Process Automation, Measurement and Control										Power Supply and Equipment					Industrial Lighting			Logistics and Tracking Solutions			
			Motion detection sensor	Position sensor	Pressure sensor	Temperature sensor/controller	Programmable Logic Controller	Electronic drives	Relay driver circuit	Actuator	Communication Interface / RS232, USB, Ethernet	Test measurement and control equipment	Power supply	Uninterruptible power supply	Battery charger	Solar power inverter	Smart electricity meter	Electronic ballast	LED lighting	Light switch / dimmer	Barcode reader	RFID reader	Banknote reader	UHF RFID tag
Products	Series																							
Ceramic Capacitors	Radial, Safety, MLCC	RPE, DE, GR, ER, GO, GM, GN, LL, GJ, GA, GC	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	NTC	NCP, NTS	•			•				•	•	•	•	•	•	•	•	•						
Sensors	PTC	PRG, PRF				•	•			•	•	•	•	•	•	•	•							
	Rotary Position Sensor	SV01A		•																				
	Trimmer Potentiometer	PV*	•		•						•	•	•	•	•	•	•							
	Shock Sensor	PKGS, PKS			•						•													
	Ultrasonic Sensor	MA*		•							•							•	•			•		
	Magnetic Sensor	BS																				•		
	PIR Sensor	IRA, IRS	•															•	•					
	Fresnel Lens	IML	•																•					
	AMR Sensor	AS-		•												•		•						
	Magnetic Switch																							
EMI Suppression Filters	Block Type EMIFIL®	BNX						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Common Mode Choke	DLP, DLM, DLW						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	AC Common Mode Choke	PLA, PLY						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Power Coil	LQH, LQM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	Choke Coil	LQH, LQM						•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	RF Coil	LQW, LQP, LQG								•	•													
	Ferrite Bead	BLM, BLO	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
	3-Terminal Capacitor	NFM	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	
Ceramic Resonators CERALOCK®	SMD	STD Tolerance	CSTCC-G(-Z) CSTCR-G(-Z) CSTCE-G(-Z) CSTCE-V(-Z)	•			•	•		•	•			•	•		•		•	•	•	•	•	
		Tight Tolerance	CSTCR-G(-L) CSTCE-G(-L) CSTCE-V(-L)	•			•	•		•	•			•	•		•		•	•	•	•	•	
	Leaded	STD Tolerance	CSTLS-G(-Z) CSTLS-X(-Z)	•			•	•		•	•						•		•	•	•	•	•	
Piezoelectric Sound Components	Piezoelectric Diaphragm	External Drive	7BB...							•	•		•					•	•	•	•	•	•	
		Self Drive	7BB...C								•	•							•	•	•	•	•	
	Piezoelectric Sounder	External Drive	PKM								•	•		•	•				•	•	•	•	•	•
		External Drive SMD	PKLCS								•	•		•	•				•	•	•	•	•	•
		Self Drive	PKM...S..								•	•		•	•				•	•	•	•	•	•
Piezoelectric Buzzer		PKB							•	•		•	•				•	•	•	•	•	•		
MAGICSTRAP® Integrated RFID tag module		LXMS																		•	•	•	•	
BT, WLAN and Combo Modules		LBMA, LBWA, LBEE																			•	•	•	
Ceramic Multi-Layer Antennas		LDA																			•	•	•	