Panasonic

APPLICATIONS MATRIX

			SENSORS							CAPACITORS							RESISTORS								INDUCTORS						CIRCUIT PROTECTION							FUSES	PGS	ENCODERS					WIRELESS MODULES						SEMICONDUCTORS							SD-CARDS
			Grid-EYE	MA Motion Proximity Switch	Pressure Sensors	Pressure Sensors w/ built-in amplifier	Ambient Light Sensors (NaPiCa)	Acceleration Sensors	1-axis Accelerometer	Aluminium Electrolytic	Electric Double Layer	Film	Polymer Aluminium SP-CAP	Conductive Polymer Hybrid	Polymer Aluminium OSCON	Polymer Aluminium POSCAP	Shunt Resistors	Thin Film Resistors	High Power & Pulse Proof Resistors	Thick Film Resistors	Anti-Sulfurated Resistors	Network & Array Resistors	Metal (Oxide) Film Resistors Radial	Trimmer Potentiometers SMD	Power Choke Coils Automotive	Power Choke Coils Consumer	Power Inductors	Chip Inductors SMD	Choke Coil THT	Voltage Step-up Coils	Multilayer Varistors SMD	Metal Oxide Varistors (MOV)	Multilayer NTC Thermistors	EMI Filters	ESD Suppressor	Common Mode Noise Filters	SMD Chip Varistor	Thermal Cutoffs	Thermal Solution	Light Touch Switches	Push Switches	Detector Switches	Rotary Potentiometers	Encoders	Classic Bluetooth	Bluetooth Smart Ready	Bluetooth Smart	Wi-Fi	Wi-Fi Combo	ISM/Mesh Networking	PSiP	Step down DCDC converter	Multi-channel step down DCDC/LDO	Step down DCDC for USB	NFC ICs and modules - Built-in FeRAM	(Chip Size Package) Discretes	SMT LEDs / low profile packaging	SD Cards
AUTOMOTIVE																																																										
Electrification	Power Electronics	Inverter								●		●		●			●	●	●		●	●									●		●				●		●																			
		DCDC Converter								●		●		●			●	●	●		●	●			●						●		●				●		●																			
		Charger (AC/DC, Bidirectional)								●		●		●																																												
	Battery Management	Battery Module								●	●			●			●	●	●		●	●			●						●		●				●		●																			
Chassis & Safety Systems	Active & Passive Safety	Brake Systems, ABS, ESP								●				●			●	●	●		●	●			●						●		●				●		●																			
		Airbags, Restraint Systems								●							●	●	●		●	●			●						●		●				●		●																			
		Remote Keyless Entry (RKE)											●	●			●			●		●			●															●							●			●								
	ADAS	Camera System	●							●			●	●	●	●	●	●	●		●	●			●										●																							●
		Radar System								●				●	●	●	●	●	●		●	●			●						●		●				●		●																			
	Headlight	LED						●	●					●			●		●			●			●												●		●																			
		Xenon						●	●					●			●		●			●			●												●		●																			
		Laser						●	●					●			●		●			●			●												●		●																			
Interior & HMI	Instrumentation & HMI	Displays								●			●	●	●	●	●		●			●			●																																	●
		Head-Up- Displays								●			●	●	●	●	●		●			●			●														●			●		●														
		Steering Wheel								●				●								●																		●		●		●														
		HVAC	●											●			●		●			●			●						●		●				●		●	●	●	●	●	●														
		ICP (Integrated Control Panel)								●				●	●	●	●		●			●			●						●		●				●		●	●	●	●	●	●														
	Infotaiment & Connectivity	Radio								●	●	●	●	●	●	●						●													●	●				●		●	●	●										●				
		Multimedia								●	●	●	●	●	●	●	●	●	●		●	●			●						●		●		●	●				●		●	●	●										●				●
		Connectivity, Telematics, eCall						●		●	●	●	●	●	●	●	●	●	●		●	●			●						●		●		●												●	●	●					●				●
		Electric Toll Collection (ETC)								●	●	●	●	●	●	●	●	●	●		●	●					●								●																			●				
	Body & Security	Access & Door Control								●	●			●			●	●	●		●	●									●				●												●											
		Seat Comfort								●				●			●	●	●		●	●									●				●												●											
		Tire pressure monitoring systems (TPMS)								●				●			●	●	●		●	●													●																							
		Energy Management								●				●			●	●	●		●	●			●						●		●		●		●		●																			●
		Antenna Modules								●			●	●	●	●	●	●	●		●	●						●							●	●																						
		Driver Monitoring with Camera	●							●			●	●	●	●	●	●	●		●	●			●						●				●																							
		Car Alarm						●		●			●	●	●	●	●	●	●		●	●			●										●																							
		Black Box								●				●			●	●	●		●	●			●										●																							
HOME																																																										
Renewable Energy	Wind, Wind Turbine, Solar	Generation						●				●					●		●		●	●	●			●	●		●		●		●				●	●	●																			
		Storage									●						●		●		●	●	●			●	●		●		●		●				●		●																			
		Distribution										●					●		●		●	●	●			●	●		●		●		●				●		●																			
		Inverter								●		●	●	●	●							●																																				
Mobility	eBike	eBike								●				●			●		●		●	●				●	●		●											●					●	●	●	●	●	●								
	Charging Station	Charging Station								●		●		●			●		●		●	●				●	●		●																●	●	●	●	●	●					●			
Appliance	Home Appliance	Coffee Machine	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
		Fridge-Freezers	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
		Oven, Microwaves	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
		Vacuum & Robot Cleaner	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
		Dryer	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
		Laundy & Irons	●		●	●				●	●	●		●			●		●		●	●	●	●		●	●		●									●	●	●				●	●	●	●	●	●	●	●		●		●	●	●	●
	Personal, Health Care & Toys	Men's Grooming	●	●	●	●				●	●		●	●	●	●	●		●		●	●		●		●	●											●	●	●			●	●	●	●	●	●	●						●	●	●	
		Beauty Products	●	●	●	●				●	●		●	●	●	●	●		●		●	●		●		●	●											●	●	●			●	●	●	●	●	●	●						●	●	●	
		Oral Care	●	●	●	●				●	●		●	●	●	●	●		●		●	●		●		●	●											●	●	●			●	●	●	●	●	●	●						●	●	●	
		Toys	●	●	●	●				●	●		●	●	●	●	●		●		●	●		●		●	●											●	●	●			●	●	●	●	●	●	●						●	●	●	
	Power Tools	Drilling								●				●	●	●	●		●		●	●		●		●	●		●									●	●	●			●	●	●	●	●	●	●	●			●		●	●	●	●
		Screwer								●				●	●	●	●		●		●	●		●		●	●		●									●	●	●			●	●	●	●	●	●	●	●			●		●	●	●	●
		Jig saw								●				●	●	●	●		●		●	●		●		●	●		●									●	●	●			●	●	●	●	●	●	●	●			●		●	●	●	●
		Garden Tools								●				●	●	●	●		●		●	●		●		●	●		●									●	●	●			●	●	●	●	●	●	●	●			●		●	●	●	●
		Sealing gun								●				●	●	●	●		●		●	●		●		●	●		●									●	●	●			●	●	●	●	●	●	●	●			●		●	●	●	●
Lighting	Lighting	Emergency Lighting	●	●			●			●	●						●	●	●		●	●	●			●	●				●								●						●	●	●			●	●							
Internet of Things	Industry 4.0	M2M Communication								●	●		●	●	●	●	●	●	●			●				●	●																		●	●	●	●	●	●								
	Smart Home	Control of Lighting, Heating, Shutter								●			●	●	●	●	●	●	●			●	●			●	●				●		●				●		●	●				●	●	●	●	●	●	●								
INFRASTRUCTURE																																																									
Mobility	Train	Inverter		●								●			●		●	●	●			●	●			●													●																			
Information	Data Server, Server	Power Supply								●			●	●	●	●						●																●													●	●						
Communication	BTS (Base Tranceiver Station)	Power Supply								●			●	●	●	●						●																●													●	●						
HEALTHCARE																																																								
Healthcare	Wearables	Sleep Monitor											●			●	●	●		●		●					●	●		●								●	●	●						●	●								●	●		●
		Fitness Tracker											●			●	●	●		●		●					●	●		●								●	●	●						●	●								●	●		●
	Home, Personal MHC Tracking	Scale			●	●							●			●	●	●		●		●		●			●	●		●								●	●	●					●	●	●	●	●						●	●	●	●
		Thermometer			●	●							●			●	●	●		●		●		●			●	●		●								●	●	●					●	●	●	●	●						●	●	●	●
		Blood Pressure			●	●							●			●	●	●		●		●		●			●	●		●								●	●	●					●	●	●	●	●						●	●	●	●
		Blood Sugar			●	●							●			●	●	●		●		●		●			●	●		●								●	●	●					●	●	●	●	●						●	●	●	●
	Sports Activity	Fitness machines		●									●	●		●	●	●		●		●		●			●	●		●								●	●	●					●	●	●	●	●		●				●			●