

i.MX 8M Plus		i.MX 8M Mini		i.MX 8M Nano	
phyCORE-i.MX 8M Plus		phyCORE-i.MX 8M Mini		phyCORE-i.MX 8M Nano	
Automotive	Mobile	Automotive	Mobile	Automotive	Mobile
Heating Ventilation, and Air Conditioning (HVAC)	Hearables Smart Watch	Heating Ventilation, and Air Conditioning (HVAC) Motorcycle Engine Control Unit (ECU) and Small Engine Control	Hearables Input Device (Mouse, Pen, Keyboard) Smart Watch Wireless Charging Pad Wristband	Heating Ventilation, and Air Conditioning (HVAC) Motorcycle Engine Control Unit (ECU) and Small Engine Control	Hearables Input Device (Mouse, Pen, Keyboard) Smart Watch Wireless Charging Pad
Industrial	Smart City	Industrial	Smart City	Industrial	Smart City
Air Conditioning (AC) Anesthesia Unit Monitor Anomaly Detection Avionics Building Safety Building Security Defibrillator Electricity Generation Electricity Grid and Distribution Factory Automation Heat Metering Hospital Admission Machine Industrial Computers, Gateways and HMIs Industrial Control Industrial HMI Intermediate Flight Controller Machine Vision and Robot Controllers Medical Imaging Motor Drives Powered Patient Beds Printers and Scanners Vision, Advanced Sensing and Processing Board	Automatic Vehicle Identification Fleet Analytics and Driver Monitors Fleet Management Inventory and Supply Chain Management Safety, Security, and Surveillance Service Drones Target Advertisements Traffic Monitors and Flow Optimization Vision Payment Systems	Air Conditioning (AC) Building Safety Building Security Digital Signage Energy Gateway Heat Metering Hospital Admission Machine Image Analytics Industrial Control Industrial HMI Machine Visual Inspection Smart Lighting Smart Power Socket and Light Switch Two-way Video Conferencing Vision, Advanced Sensing and Processing Board	Automatic Vehicle Identification Fleet Management Inventory and Supply Chain Management Public Address Systems Transport Ticketing	Air Conditioning (AC) Anesthesia Unit Monitor Anomaly Detection Building Safety Building Security Circuit Breaker Continuous Positive Airway Pressure Machine (CPAP) Defibrillator Electricity Generation Heat Metering Hospital Admission Machine Industrial Control Industrial HMI Motor Drives Powered Patient Beds Public Address Systems Smart Lighting Smart Power Socket and Light Switch Vision, Advanced Sensing and Processing Board Vital Signs Monitors	Fleet Management Inventory and Supply Chain Management Transport Ticketing
	Smart Home		Smart Home		Smart Home
	AI Home Server and Alarm Hubs Home Automation Home Patient and Elderly Monitors Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Small and Medium Appliances Smart Robots		Audio/Video (AV) Receivers Home Control Panel Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Set Top Boxes Small and Medium Appliances Soundbar Surround Sound and Sound Bars Wireless or Networked Speakers	Continuous Positive Airway Pressure Machine (CPAP) Defibrillator Electricity Generation Heat Metering Hospital Admission Machine Industrial Control Industrial HMI Motor Drives Powered Patient Beds Public Address Systems Smart Lighting Smart Power Socket and Light Switch Vision, Advanced Sensing and Processing Board Vital Signs Monitors	Audio/Video (AV) Receivers Home Control Panel Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Set Top Boxes Small and Medium Appliances Soundbar Surround Sound and Sound Bars Wireless or Networked Speakers

i.MX 8M		i.MX 8		i.MX 8X	
phyCORE-i.MX 8M		phyCORE-i.MX 8		phyCORE-i.MX 8X	
Automotive Heating Ventilation, and Air Conditioning (HVAC) Motorcycle Engine Control Unit (ECU) and Small Engine Control Industrial Air Conditioning (AC) Building Safety Building Security Heat Metering Industrial Control Industrial HMI Motor Drives Smart Lighting Smart Power Socket and Light Switch Vision, Advanced Sensing and Processing Board	Mobile Hearables Input Device (Mouse, Pen, Keyboard) Smart Watch Wireless Charging Pad Wristband Smart City Automatic Vehicle Identification Fleet Management Inventory and Supply Chain Management Transport Ticketing Smart Home Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Set Top Boxes Small and Medium Appliances Soundbar	Automotive Heating Ventilation, and Air Conditioning (HVAC) Mid to High Infotainment / eCockpit Motorcycle Engine Control Unit (ECU) and Small Engine Control Industrial 3-Phase AC Induction Motor Air Conditioning (AC) Anomaly Detection Avionics Brushless DC Motor (BLDC) Control Building Safety Building Security Electricity Generation Energy Gateway Heat Metering Industrial Control Industrial HMI Intermediate Flight Controller Medical Imaging Motion Control and Robotics Motor Drives Permanent Magnet Synchronous Motor (PMSM) Smart Power Socket and Light Switch Vision, Advanced Sensing and Processing Board	Mobile Hearables Smart Watch Smart City Automatic Vehicle Identification Fleet Management Smart Home Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Small and Medium Appliances	Automotive Heating Ventilation, and Air Conditioning (HVAC) Infotainment Mid to High Infotainment / eCockpit Motorcycle Engine Control Unit (ECU) and Small Engine Control Smart Antenna V2X Communications Communication Infrastructure Broadband Modem and Residential Gateway Low-end Video Conference Terminal Industrial 3-Phase AC Induction Motor Air Conditioning (AC) Anomaly Detection Avionics Brushless DC Motor (BLDC) Control Building Safety Building Security Circuit Breaker Drone Electricity Generation Electricity Grid and Distribution Electricity Meter Elevator Control Energy Gateway Fire and Security panel Front View Camera Gas Meter Heat Metering HVAC Control in-flight infotainment Industrial Control Industrial HMI	Intermediate Flight Controller Medical Imaging Motion Control and Robotics Motor Drives Permanent Magnet Synchronous Motor (PMSM) Powered Patient Beds Smart Lighting Smart Power Socket and Light Switch Train and heavy equipment HMI Two-way radio Vision, Advanced Sensing and Processing Board Water Meter Mobile Augmented Reality and Virtual Reality Headsets Hearables Smart Watch Smart City Automatic Vehicle Identification Avionics cockpit display Fleet Management Inventory and Supply Chain Management Smart Home Home Security and Surveillance In-Home Energy Display Major Home Appliances Robotic Appliance Set Top Boxes Small and Medium Appliances SmartTV