
GLOSSARY

In this document, unless the context otherwise requires, explanations and definitions of certain terms used in this document in connection with our Group and our business shall have the meanings set out below. The terms and their meanings may not correspond to standard industry meanings or usage of these terms.

"AC"	alternating current, an electric current that reverses its direction many times a second at regular intervals
"ACC"	active copper cable, a type of high-speed copper cable used for data transmission
"ADAS"	advanced driver-assistance system, a built-in suite of coordinated technologies that help drivers operate their vehicles more safely
"AEC"	active electrical cable, an active cable technology used in data centers and high-speed network applications
"AF"	anti-fingerprint
"AOC"	active optical cable, a cabling technology that uses electrical-to-optical conversion on the cable ends to improve speed and distance performance of the cable without sacrificing compatibility with standard electrical interfaces
"APS"	advanced planning and scheduling system
"AR"	augmented reality, an enhanced version of reality created by the use of technology to overlay digital information on an image of something being viewed through a device
"CCD"	charge-coupled device, a light-sensitive integrated circuit that captures images by converting photons to electrons
"CPC"	co-packing copper, connects high-speed electrical signal channels to the chip through a common package connector
"CPE"	customer premise equipment, a telecommunications equipment that is installed at a customer's location
"DAC"	direct attach cable, a type of passive high-speed copper cable that does not require external power or signal conditioning chips
"DC"	direct current, an electric current flowing in one direction only
"digital twin"	a virtual representation of an object or system designed to reflect a physical object accurately
"Dk"	dielectric constant, a quantity measuring the ability of a substance to store electrical energy in an electric field
"first-pass yield"	the percentage of products that meet quality standards the first time through a manufacturing process, without needing rework or repairs
"Gbps"	gigabits per second, a unit of data transfer rate
"Harmonized System Codes"	internationally recognized product codes used to classify goods in import and export shipments
"HASS"	Highly Accelerated Stress Screening, an industry gold standard for reliability assessment in the communication industry
"HDMI"	High-Definition Multimedia Interface, an interface standard for transmitting high-quality audio and video signals between devices
"HSIO"	high-speed input/output, a connector installed on the panel of high-speed devices such as switches and servers

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“HUD”	head-up display, a system that projects information onto a usually transparent surface that sits directly in a user’s line of vision
“MES”	manufacturing execution system, a system which monitors and controls complex manufacturing systems and data across multiple function areas in a manufacturing process
“mixed reality”	a combination of AR or VR elements with the physical world to create an immersive experience
“MPa”	one million pascals, a unit of pressure or stress in the international system of units
“NPC”	near packing copper, connects high-speed electrical signal channels to the chip through a high-speed connector located near the chip
“NPI”	new product introduction, a process which includes all activities undertaken within an organization to define, develop and market a new or improved product or solution
“PCB”	printed circuit board, a mechanical base used to hold and connect the components of an electric circuit
“PCBA”	PCB assembly, the process of soldering or integrating electronic components to a PCB
“PLM”	product lifecycle management system, a system which provides a comprehensive approach to managing information across a product’s entire journey
“riser cable”	a cable used inside a server to convert vertically inserted boards into parallel ones to ensure sufficient space and heat dissipation inside the server
“self-sufficiency rate”	the percentage of the number of core components and modules that can be supplied through in-house capabilities for end-product integration
“SiP”	System-in-Package
“SSIO”	server storage input/output, a high-speed electrical signal input/output connector inside a high-speed device, such as a switch or server panel
“Tbps”	terabit per second, a unit of data transfer rate, quantifying the amount of data transmitted per unit of time, equaling to one trillion bits per second
“UV”	ultraviolet
“VR”	virtual reality, the computer-generated simulation of a 3D image or environment that can be interacted with in a seemingly real or physical way by a person using special electronic equipment
“W”	watts, a measure of the rate of energy transfer over a unit of time, with one watt equal to one joule per second
“W/mK”	watts per meter-kelvin
“WMS”	warehouse management system, a system which allows enterprises to control and manage warehouse operations
“XR”	extended reality, a collective term that refers to immersive technologies, including AR, VR and mixed reality
“ μm ”	micrometer, a metric unit of linear measure that equals one-millionth of a meter