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Glossary

Complete your list of acronyms; make sure that they are all fully introduced again the first time they appear in the text.

Abbreviation	Description
4Cs	Customer value, Cost, Convenience, Communication (marketing framework)
4Ps	Product, Price, Place, Promotion (traditional marketing mix)
3-V	Three-Value framework (Customer, Collaborator, Company value)
6-V	Six-Value Framework (Value Exchange model)
ABS	Acrylonitrile Butadiene Styrene
ADC	Analog-to-Digital Converter
ADP	Abiotic Depletion Potential
B2B	Business-to-Business
B2G	Business-to-Government
BoM	Bill of Materials
CAN	Controller Area Network
CANH	CAN High (differential bus line)
CANL	CAN Low (differential bus line)
CED	Cumulative Energy Demand
CSR	Corporate Social Responsibility
DC	Direct Current
ECMD	Electromagnetic Compatibility Directive
EMI	Electromagnetic Interference
EPS	European Project Semester
EU	European Union
FPS	Frames Per Second
GDPR	General Data Protection Regulation
GND	Ground
GPSD	General Product Safety Directive
HTTP	Hypertext Transfer Protocol
IC	Integrated Circuit
IoT	Internet of Things
IP	Ingress Protection
ISEP	Instituto Superior de Engenharia do Porto
ISO	International Organization for Standardization
LED	Light-Emitting Diode
LSHF	Low Smoke Halogen Free
LVD	Low Voltage Directive
MCU	Microcontroller Unit
MD	Machinery Directive
NGO	Non-Governmental Organization
OVP	Optimal Value Proposition
PA	Polyamide
PDCA	Plan-Do-Check-Act

Abbreviation	Description
PC	Polycarbonate
PCB	Printed Circuit Board
PDR	Packet Delivery Ratio
PESTEL	Political, Economic, Social, Technological, Environmental, Legal
PLA	Polylactic Acid
QR	Quick Response (code)
RED	Restriction of Hazardous Substances in Electrical and Electronic Equipment Directive
RGB	Red, Green, Blue
RX	Receive (data line)
SDG	Sustainable Development Goal
SI	International System of Units (Système International)
SUS	System Usability Scale
SWOT	Strengths, Weaknesses, Opportunities, Threats
TX	Transmit (data line)
UAT	User Acceptance Testing
USB	Universal Serial Bus
UX	User Experience
VOC	Volatile Organic Compound
WEEE	Waste Electrical and Electronic Equipment (Directive)

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