

# Seznam zkratek

ASCII	<i>American Standard Code for Information Interchange</i>
ASIC	<i>Application Specific Integration Circuit</i>
ATEX	<i>Atmosphère Explosible</i>
BAT	<i>Best Available Technologies</i>
CAD	<i>Computer Aided Design</i>
CAM	<i>Computer Aided Manufacturing</i>
CIM	<i>Computer Integrated Manufacturing</i>
CNN	<i>Convolutional Neural Network</i>
CRM	<i>Customer Relationship Management</i>
CUDA	<i>Compute Unified Device Architecture</i>
DAG	<i>Directed Acyclic Graph</i>
DMS	<i>Document Management System</i>
DTS	distriboční transformační stanice
ECM	<i>Enterprise Content Management</i>
eMMC	<i>Embedded Multimedia Card</i>
ERP	<i>Enterprise Resource Planning</i>
ETG	<i>EtherCAT Technology Group</i>
EuroNCAP	<i>European New Car Assessment Programme</i>
FPGA	<i>Field Programmable Gate Array</i>
GDPR	<i>General Data Protection Regulation</i>
GPIO	<i>General Purpose Input Output</i>
HDL	<i>Hardware Description Language</i>
HMI	<i>Human Machine Interface</i>
HSV	<i>Hue, Saturation, Value</i>
I/O	<i>Input/Output</i>
IEC	<i>International Electrotechnical Commission</i>
IIoT	<i>Industrial Internet of Things</i>
IO	<i>Input Output</i>
IoS	<i>Internet of Services</i>
IoT	<i>Internet of Things</i>
IP	<i>Ingress Protection</i>
IP	<i>Internet Protocol</i>
IPSec	<i>Internet Protocol Security</i>
IT	<i>Information Technology</i>
L*a*b*	<i>L* - lightness, a* - green-red axis, b* - blue-yellow axis</i>
LED	<i>Light Emitting Diode</i>
LSTM	<i>Long Short-Term Memory</i>
LTE	<i>Long Term Evolution</i>
MES	<i>Manufacturing Execution System</i>

MIS	<i>Manufacturing Information System</i>
NAPT	<i>Network Address and Port Translation</i>
NAT	<i>Network Address Translation</i>
NEC	<i>National Electrical Code</i>
NFC	<i>Near Field Communication</i>
NFPA	<i>National Fire Protection Association</i>
OAIS	<i>Open Archival Information System</i>
OEE	<i>Overall Equipment Effectiveness</i>
OPC-UA	<i>Open Platform Communications – Unified Architecture</i>
OZE	obnovitelné zdroje elektřiny
PDM	<i>Product Data Management</i>
PL	<i>Performance Level</i>
PLC	<i>Programmable Logic Controller</i>
PLM	<i>Product Lifecycle Management</i>
PoE	<i>Power over Ethernet</i>
PUN	polyuretan
QR	<i>Quick Response</i>
ReLU	<i>Rectified Linear Unit</i>
RESTful API	<i>Representational State Transfer – Application Programming Interface</i>
RFID	<i>Radio-Frequency Identification</i>
RGB	<i>Red, Green, Blue</i>
RISC	<i>Reduced Instruction Set Computing</i>
RTU	<i>Remote Terminal Unit</i>
SCADA	<i>Supervisory Control and Data Acquisition</i>
SD	<i>Secure Digital</i>
SDN	<i>Software-Defined Networking</i>
SEMI	<i>Semiconductor Equipment and Materials International</i>
SIL	<i>Safety Integrity Level</i>
SNMP	<i>Simple Network Management Protocol</i>
STO	<i>Safe Torque Off</i>
SVG	<i>Scalable Vector Graphics</i>
TSN	<i>Time Sensitive Networking</i>
USB	<i>Universal Serial Bus</i>
VGG	<i>Visual Geometry Group</i>
VLAN	<i>Virtual Local Area Network</i>
VPN	<i>Virtual Private Network</i>
YCrCb	<i>luminance; red-difference, blue-difference chroma components</i>



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