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## Abreviaturas utilizadas.

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Reprog®

Uma abreviatura é uma forma reduzida de representar uma palavra ou frase. Letras maiúsculas são usadas para a maioria das abreviaturas. A lista a seguir resume algumas das abreviaturas normalmente utilizadas pela empresa.

|        |                                                 |       |                                             |
|--------|-------------------------------------------------|-------|---------------------------------------------|
| ACC    | Auxiliary Control Card                          | ADC   | Analogue to Digital Converter               |
| ALD    | Automatic Logic Diagram                         | AMS   | Analogue Mixed-Signal                       |
| ANN    | Artificial Neural Networks                      | AOI   | Automatic Optical Inspection                |
| APS    | Active Protection System                        | APU   | Auxiliary Power Unit                        |
| ARC    | Advanced Research Concepts                      | ARM   | Advanced RISC Machine                       |
| ASIC   | Application Specific Integrated Circuit         | ATE   | Automatic Test Equipment                    |
| BERT   | Bit Error Rate Tester                           | BFM   | Bus Functional Model                        |
| BGA    | Ball Grid Array                                 | BIOS  | Basic Input Output System                   |
| BIST   | Built-In Self-Test                              | CC    | Constant Current                            |
| CDC    | Clock Domain Crossing                           | CFW   | Custom Firmware                             |
| CMOS   | Complementary Metal Oxide Semiconductor         | CPM   | Counts Per Minute                           |
| CR     | Core Reprog                                     | CTP   | Central Trigger Processor                   |
| CU     | Computer Unit                                   | CV    | Constant Voltage                            |
| CcPU   | Complex Central Processing Unit                 | DAC   | Digital to Analogue Converter               |
| DAQ    | Data Acquisition                                | DDR   | Double Data Rate                            |
| DEV    | DEVelop                                         | DFU   | Device Firmware Update                      |
| DFX    | Design For Excellence                           | DPS   | Data Processing System                      |
| DSC    | Digital Signal Conditioning                     | DUT   | Device Under Test                           |
| ESD    | Electrostatic Sensitive Devices                 | ESR   | Equivalent Series Resistance                |
| FFT    | Fast Fourier Transform accelerator              | FIFO  | First-In, First-Out                         |
| FIU    | Fault-Insertion Unit                            | FMC   | FPGA Mezzanine Card                         |
| FPGA   | Field Programmable Gate Array                   | FPIOA | Field Programmable IO Array                 |
| FPU    | Fuzzy Process United                            | FSDT  | Full Scale Durability Test facility         |
| GBTx   | GigaBit Transceiver                             | GPIO  | General Purpose Input/Output                |
| GSE    | Ground Support Equipment                        | HDK   | Hardware Development Kit                    |
| HDL    | Hardware Description Language                   | HIL   | Hardware In the Loop                        |
| HW     | HardWare                                        | I2C   | Inter-Integrated Circuit                    |
| IP     | Intellectual Property                           | JTAG  | Joint Test Action Group                     |
| MODS   | MOdular Diagnostic Software                     | MSB   | Most Significant Bit                        |
| NLP    | Natural Language Processing                     | ODM   | Original Design Manufacturing               |
| OEM    | Original Equipment Manufacturer                 | PCB   | Printed Circuit Board                       |
| PCIE   | Peripheral Component Interconnect express       | PCU   | Power Control Unit                          |
| PDU    | Power Distribution Unit                         | PLL   | Phase Locked Loop                           |
| PMU    | Power Management Unit                           | PPV   | Product Platform Validation                 |
| PSA    | Power Supply Agreement                          | PXI   | PCI eXtensions for Instrumentation          |
| RCU    | Readout Control Unit                            | RMS   | Root Mean Square                            |
| RPU    | Reprog Processing Unit                          | RTOS  | Real Time Operating system                  |
| SDK    | Software Development Kit                        | SFP   | Small Form-factor Pluggable                 |
| SLVS   | Scalable Low-Voltage Signalling                 | SMU   | Source Measure Unit                         |
| SPI    | Serial Peripheral Interface                     | SRAM  | Static Random Access Memory                 |
| SW     | SoftWare                                        | SoM   | System on Module                            |
| TCP/IP | Transmission Control Protocol/Internet Protocol | UART  | Universal Asynchronous Receiver/Transmitter |
| UDP    | User Datagram Protocol                          | USB   | Universal Serial Bus                        |
| VHDL   | VHSIC Hardware Description Language             |       |                                             |