# Jargon Buster

This page is based on the original MERG glossary.
Before adding entries, please read **guide to adding entries** a how to do it for MERG Members.
**Index to other public pages**

**A B C D E F G H I J K L M N O P Q R S T U V W X Y Z**

## A

AC - Alternating Current
Accessory decoders
Accessory encoder
Address
Agile
Amplifier
AM - Amplitude Modulation
Amps or Ampere - The measure of electrical current flow
Analogue
AND
API - Application Program Interface
ASCII - American Standard Code for Information Interchange
Aspect
At-Bus - (Layout) Control Bus
Auto Reverse Module
AWG - American Wire Gauge

## B

Back EMF
Baud
BC3
Bell signals
BGA
Bipolar
Bistable
Bit
Bite
BJT - Bipolar Junction Transistor
Block Control
Block occupancy
BloNg
Boolean
Booster
Bps - Bits per second

Bridge rectifier
Buffer
Bus
Byte

# C

C/MRI - Computer/Model Railroad Interface
Cab Control
Cabling
CAN - Controller Area Network
CAN... CBUS Modules
Capacitor
Carlos
CBUS - (Layout) Control Bus
CDC - Communications Device Class
CDU - Capacitor Discharge Unit
CE - Conformité Européenne
Ceramic
Channel
Charlieplexing
Circuit
Circular Buffer
Cleaning Tracks
Clearing point
Clock
Closed loop
CMOS - Complementary Metal–Oxide–Semiconductor
Coil
Colour light
Com port - Communication Port
Command station
Common
Common Return Wiring
Computer Control Software
Conductor
Consist
Control Systems
Crystal
CSA
Current
Current shunt
CVs - Configuration Variable

# D

D type connector

Darlington
DC - Direct Current
DC Control
DCC - Digital Command Control
Debounce
DecoderPro
Decoupling capacitor
Digital
Digitrax
DIL - Dual In-Line
Diode
Dirty PSU
DPDT - Double Pole Double Throw
DPR - Double Pole Relay
DPST - Double Pole Single Throw
Driver

# E

EDG
EEPROM
Electro frog
Electro magnet
Engine Driver
ESD - Electo Static Discharge
ESR - Equivalent Series Resistance
EV
Event

# F

Faller
Fast clock
FCU - FLiM Configuration Utility
Feathers
FET- Field Effect Transistor
FIFO
Firmware
Flag
Flash Memory
FLiM - Full Layout implementation Model
Flip flop
Frequency
FM - Frequency Modulation
Fuse

# G

Gerber image
GIT repository
GPP software
GPIO General Purpose Input and Output
Ground

# H

Hall effect
Handset
Handshaking
Happening
HASL
Header plug or socket
Heat sink
Hector
Hexadecimal or Hex
High
H0
HYPOTRAC
Hysteresis loop

# I

ICs - Integrated Circuits
ICSP - In Circuit Serial Programming
Incandescent lamps
Inductor
Infra red emitter
Infra red receiver/detector
Insulfrog
Interlocking
ISR

# J

Java
JMRI - Java Model Railroad Interface

# K

Kits

# L

Latching
Layout Command Control
Lead free
LED - Light Emitting Diode
LENZ
LiFo
Lighting decoder
Logic
Long Event

# M

Magnet
Matrix
Memory Wire
Microprocessor
Mobile decoder
Modulation
MOMS - MERG Online Membership System
Monostable
MOSFET - Metal-Oxide-Semiconductor Field-Effect Transistor
Multiplexor

# N

NAND - Not AND
Negative
NMRA - National Model Railroad Association
NMRAnet
NOR - Not OR
NPN
NV

# O

Octal Darlington Arrays

Ohms
OP Original Post(er)
Op amp
Open collector
OpenLCB - Open Layout Control Bus
Optical detector
Opto-isolator
OR
Oscillation
Oscilloscope

# P

Parallel
PCB - Printed Circuit Board
PCB software
Peco motor
PEI - Polyetherimide
Phase
PM - Phase Modulation
PM - Pulse Modulation
PIC - Peripheral Interface Controller
PICKit
PiSo - Parallel in Serial out
PLA
PMD1
PMD2
PMP - Pocket Money Project
PMR1
PNP
Point Motors
Points
Polarity
Positive
Pot
Potentiometer
Power district
Power pack
Programming
Progressive cab control
PSU - Power Supply Unit
PTP - Point to Point
PTP-Lite
Pulse
Pulse Width Modulation
Pulsed output

# Q

QFN - Quad Flat No Leads - a surface mount IC package
QFP - Quad Flat Pack - a surface mount IC package
QTU - Quad Throttle Unit

# R

RailCom
RC filter - Resistance and Capacitor Filter
Rectification
Reed Switch
Regulated power supply
Relays
Resistor
Resistor network
Resonator
Reverse polarity
RFID - Radio Frequency IDentification
Ring Buffer
Risk assessment
RMS - Root Mean Square
Road Vehicle Control
Route setting
RPC - Remote Panel Control
RPI - Remote Panel Interface
RPi - Raspberry Pi
RS232
RS485
RSA
RSE- Remote Stack Extension
RTC
RTFM- Read The Flipping Manual

# S

SD4
Seep motor
Semaphore
Series
Servo
Shift register
Short Event
Signalling
SiPo - Serial in Parallel out
SLiM - Simple/Small Layout implementation Model

Smoothing
SMPS
SoC - System on Chip
SoD - Start of Day
Solid conductor
Sound decoder
Soundtrax
SPDT- Single Pole Double Throw
Sprog
SPST - Single Pole Single Throw
SRI4
SRO4
SSI
Star network
Start of Day - SoD
Stationary decoder
Stay Alive
Steady state
SToC - Searchable Table of Contents
Stranded conductor
Super Bloc
Surface Mounted Components
SWG - Standard Wire Gauge
Switch
Switch machine
Switch mode

# T

Tag strip
TB - Technical Bulletin
TCC - Train Control Centre/Center
Technical Data
Throttle/handset
Timers
Toggle
TORR
Tortoise motor
Toti - Train-on-Track Indicator
TOU
Track circuit
Track cleaner
Train detection
Transducer
Transformer
Transistor
Tri-State or Three State output pin - can be a 0, a 1 or open circuit
Turnout actuator
TVS

Twinkling

## U

Unregulated power supply
USB - Universal Serial Bus

## V

VCP Virtual Communications Port.
Volt The measure of electrical potential difference
Voltage regulator

## W

Watt
Welding simulator
Wiki

## X

XAND - eXclusive AND
XLR Connector
XOR - eXclusive OR

## Z

Zener diode
Zero 1
ZIF socket
ZIMO
ZTC

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