

ATLAS acronym list

ADC	Analogue-to-Digital Converter
ALFA	Absolute Luminosity for ATLAS
ASD	Amplifier/Shaper/Discriminator
ASDBLR	Amplifier/Shaper/Discriminator/BaseLine Restoration
ASIC	Application-Specific Integrated Circuit
ASM	Amplification, Sampling, (digitization) and Multiplexing
ATLAS	A Toroidal LHC ApparatuS
BC	Bunch Crossing
BCID	Bunch-Crossing IDentification
BCM	Beam Conditions Monitor
BC-mux	Bunch-Crossing MULTipleXing
BEE	Barrel End-cap Extra
BIL	Barrel Inner Large
BIR	Barrel Inner Rail
BIS	Barrel Inner Small
BM	Barrel Middle
BML	Barrel Middle Large
BMS	Barrel Middle Small
BO	Barrel Outer
BOC	Back Of Crate
BOL	Barrel Outer Large
BOS	Barrel Outer Small
BPM	BiPhase Mark
BT	Barrel Toroid
CANbus	Controller Area Network bus
CALbus	Calibration bus
CDD	CERN Drawing Directory
CERN	European Organization for Nuclear Research
CFS	Central File Server
CIC	Common Infrastructure Control
CIS	Charge Injection System
CMA	Coincidence Matrix chip
CM	Coincidence Matrix

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CMM	Common Merger Module
CMOS	Complementary Metal-Oxide Semiconductor
COMbus	Common Timing and Trigger Bus
COOL	ATLAS-wide conditions database
CP	Cluster Processor
CPM	Cluster Processor Module
CRC	Cyclic Redundancy Check
CSC	Cathode Strip Chambers
CS	Central Solenoid
CSM	Chamber Service Module
CTP	Central Trigger Processor
DAC	Digital-to-Analogue Converter
DAQ	Data AcQuision system
DCS	Detector Control System
DFM	Data Flow Manager
DMILL	Durci Mixte sur Isolant Logico-Lineaire (a radiation-hard ASIC technology)
DORIC	Digital Opto-Receiver Integrated Circuit
DSP	Digital Signal Processors
DSS	Detector Safety System
EB	Extended Barrel
EC	End-Cap
ECT	End-Cap Toroid
EDMS	Engineering Data Management System
EEL	End-cap Extra Large
EES	End-cap Extra Small
EF	Event Filter
EI	End-cap Inner wheel
EIL	End-cap Inner Large
EIS	End-cap Inner Small
ELMB	Embedded Local Monitor Board
EMB	ElectroMagnetic Barrel calorimeter
EMD	Equipment Management Database
EMEC	ElectroMagnetic End-cap Calorimeter
EM	ElectroMagnetic
EM	End-cap Middle wheel
EML	End-cap Middle Large
EMS	End-cap Middle Small
ENC	Equivalent Noise Charge
EOL	End-cap Outer Large
EOS	End-cap Outer Small
EST	ElectroStatic Transformer
FADC	Flash ADC
FCal	Forward Calorimeter

FEB	Front-End Board
FECcont	Front-End Crate controller board
FEC	Front-End Crate
FE	Front-End
FIFO	First-In/First-Out
FI	Forward Inner wheel
fLVPS	finger Low Voltage Power Supply
FPGA	Field-Programmable Gate Array
FPIAA	Find Persons Inside ATLAS Area
GSEL	Gain-SElector chip
GCS	Global Control Stations
HAD	HADron calorimeter
HEC	Hadronic End-cap Calorimeter
HF	Steel structures below access shafts
HLT	High-Level Trigger
HO	Blue support structure on ends of ATLAS cavern
HS	Blue support structure on sides of ATLAS cavern
HV	High Voltage
HVPS	High Voltage Power Supply
IC	Integrated Circuit
ID	Inner Detector
IS	Information Server
ITC	Inter TileCal scintillators
IWV	Inner Warm Vessel
JEM	Jet/Energy Module
JEP	Jet/Energy-sum Processor
JTAG	Joint Task Action Group
L1A	Level-1 Accept
L1Calo	Level-1 Calorimeter trigger
L1	Level-1 trigger
L2	Level-2 trigger
L2PU	Level-2 Processing Unit
L2SV	Level-2 SuperVisor
LAr	Liquid Argon
LB	Long barrel
LCS	Local Control Stations
LFS	Local File Server
LHC	Large Hadron Collider
LUCID	LUminosity measurement using Cerenkov Integrating Detector
LVDS	Low-Voltage Differential Signalling
LV	Low Voltage
LVPS	Low Voltage Power Supply
MCC	Module Control Chip

MDT	Monitored Drift Tubes
MIP	Minimum Ionising Particle
MRS	Message Reporting Service
MTF	Manufacturing and Test Folder database
MUCTPI	MUon-to-Central-Trigger-Processor-Interface
NEF	Neutron Equivalent Fluence
NEG	Non-Evaporable Getter
NMR	Nuclear Magnetic Resonance
NRZ	Non Return to Zero
ODH	Oxygen Deficiency Hazard
OFC	Optimal Filtering Coefficients
OF	Optimal Filtering
OHS	Online Histogramming Service
OMB	Optical Multiplexer Board
OTx	Optical Transmitter
PEEK	PolyEther-Ether-Ketone
PITbus	Pattern In Time Bus
PL	Pad Logic
PMT	PhotoMultiplier Tube
PP	Patch Panel
PPM	Pre-Processor Module
PPr	Pre-Processor
PS	Presampler
PST	Pixel Support Tube
PU	Processor Unit
PVSS	Prozessvisualisierungs und Steuerungs System
QSP	Quarter Service Panel
QUAD	QUADrupole
ROBIN	ReadOut Buffer Module
ROB	ReadOut Buffer
ROC	ReadOut Crate
ROD	ReadOut Driver
RoIB	Region-of-Interest Builder
RoI	Region-of -Interest
ROL	ReadOut Link
ROS	ReadOut System
RPC	Resistive Plate Chambers
SCA	Switched Capacitor Array
SCS	Sub-detector Control Stations
SCT	SemiConductor Tracker
SEU	Single Event Upset
SFI	Event building node
SFO	Event filter output node

SIC	System Interlock Card
SLB	SLave Board
SL	Sector Logic
SLC	Scientific Linux CERN
SPAC	Serial Protocol for Atlas Calorimeters
SSW	Star SWitch
TAN	Target Absorber Neutral
TAS	Target Absorber Secondaries
TBB	Tower Builder Board
TBM	Trigger and Busy Module
TC	Technical Coordination
TDAQ	Trigger and Data AcQuision
TDB	Tower Driver Board
TDC	Time-to-Digital Converter
TDR	Technical Design Report
TGC	Thin Gap Chambers
TileCal	Tile Calorimeter
TLA	Three Letter Acronym
TMB	Technical Management Board
ToT	Time over Threshold
TPG	Thermal Pyrolitic Graphite
TR	Transition Radiation
TRT	Transition Radiation Tracker
TTCR	Trigger, Timing, and Control Receiver
TTCrx	Trigger, Timing, and Control Receiver chip
TTC	Timing, Trigger, and Control
TTCvi	Timing, Trigger, and Control VME interface module
TVS	Transient Voltage Suppressor
USA	Underground Service Area
VA	Vacuum Argon end-cap
VCEL	Vertical Cavity Surface-Emitting Laser Diode
VDC	VCSEL Driver Chip
VI	Vacuum Inner detector
VJ	Vacuum forward shielding
VME	Versa Module Eurocard
VMEbus	Versa Module Euro bus
VT	Vacuum Toroid end-cap
WLS	WaveLength Shifting
ZDC	Zero Degree Calorimeter