
Acronyms

AES	Advanced Encryption Standard
ALE	Application Level Events
ANSI	American National Standards Institute
AON	Application Oriented Networking
APDU	Application Data Unit
ASK	Amplitude shift keying
BAC	Basic Access Control
CASPIAN	Consumers Against Supermarket Privacy Invasion and Numbering
COTS	Commercial-off-the-shelf
CSN	Card Serial Number (ISO 14443A)
CW	Carrier wave
DDDS	Dynamic Delegation Discovery System
DES	Data Encryption Standard
DI	Data Identifier
DI	Device Infrastructure (IBM)
DNS	Domain Name System
DoD	Department of Defense
DoS	Denial of service
DRM	Dense reader mode
DST	Digital signature transponder
EAN	European Article Number
EAS	Electronic Article Surveillance
ECR	Efficient Consumer Response
EDI	Electronic Data Interchange
EDIFICE	European User Group for companies with interests in computing, electronics and telecommunications
EIRP	Equivalent isotropic radiated power
EM	Event Manager
EPC	Electronic Product Code

EPC DS	EPC Discovery Service
EPC IS	EPC Information Service
EPC RP	EPC Reader Protocol
ERP	Effective radiated power
FDA	Food and Drug Administration
FMCG	Fast moving consumer goods
FPGA	Field-programmable gate array
FSA	Fluidic Self Assembly
GDSN	Global Data Synchronization Network
Gen2	EPC Class 1 Generation 2 tag
GIAI	Global Individual Asset Identifier
GID	General Identifier
GLN	Global Location Number
GRAI	Global Returnable Asset Identifier
GTIN	Global Trade Identification Number
HF	High frequency
HTTP	Hypertext Transfer Protocol
IAC	Issuing Agency Code
ICAO	International Civil Aviation Organization
IDT	interdigital transducer
IP	Internet Protocol
ISBN	International Standard Book Number
ISO	International Organization for Standardization
J2EE	Java 2 Platform, Enterprise Edition
LBT	Listen before talk
LF	Low frequency
LLRP	Low Level Reader Protocol
MRTD	Machine Readable Travel Document
MRZ	Machine-readable zone
NAO	National Audit Office
NAPTR	Naming Authority Pointers
NDC	National drug code
NFC	Near Filed Communication
NNI	Netherlands Normalization Institute
NRZ	Non-return-to-zero
OCR	Optical character recognition
ODS	Object Description Service
ONS	Object Naming Service
OSGi	Open Services Gateway initiative
PC	Programme Control (Gen2)
PC	Protocol Control (Gen2)
PET	Privacy-enhancing technologies
PICA	Parallel Integrated Chip Assembly
PIE	Pulse interval encoding
PIN	Personal Identification Number

PS	Premises Server (IBM)
PSK	Phase shift keying
QSP	Query Slot protocol
RF	Radio frequency
RFC	Request for Comments (internet specification)
RFID	Radio Frequency Identification
RN16	16-bit random number (Gen2)
RSA	Rivest, Shamir and Adleman cryptography
SAW	Surface acoustic wave
SCM	Supply chain management
SEM	Sensor Edge Mobile (oracle)
SES	Sensor Edge Server (Oracle)
SGLN	Serialized Global Location Number
SGTIN	Serialized Global Trade Identification Number
SIP	Session Initiation Protocol
SKU	Stock-keeping unit
SNMP	Simple Network Management Protocol
SOAP	Simple Object Access Protocol
SoF	Supermarket of the Future
SSCC	Serial Shipping Container Code
TAP	Tag Acquisition Processor (Reva)
TCP	Transmission Control Protocol
UHF	Ultra-high frequency
UID	Universal Identifier
uID	Ubiquitous identifier
uPIS	ucode Product Information Service
URI	Uniform Resource Identifier
URL	Uniform Resource Locator
URN	Uniform Resource Name
USB	Universal Serial Bus
VMI	Vendor Managed Inventory
XML	Extensible Markup Language
XMLRPC	XML Remote Procedure Call

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