

NCP1095

Power Over EthernetIEEE 802.3bt



NCP1095IEEE.3btIEEE 802.3af/IEEE 802.3atPower over EthernetPoE-PDNCP1095PoENCP109590 WNCNCP1095AutoclassPD

- IEEE 802.3bt, IEEE 802.3at, IEEE 802.3af compliant - Allows for up to 90 W of power - Guaranteed interoperability between PoE devices
 - Part of ON Semiconductor’s family of high efficiency solutions for PoE-PD
 - Uses an external pass transistor to support high-power applications
 - Includes an auxiliary detection pin for applications powered by PoE or wall adaptors
 - Supports Auto-classification (Autoclass) Feature, allowing the Power Sourcing Equipment (PSE) to assign power to each Powered Device(PD) efficiently
 - Also available with internal hot-swap FET for a higher level of integration (NCP1096)
-
- Power over Ethernet Powered Devices (PoE-PD)
 - Internet of Things (IoT)
 - IEEE 802.3bt (up to class 8 / 90W)
 - IEEE 802.3at (up to class 4 / 30W)
 - IEEE 802.3af (up to class 3 / 15W)
 - Digital Signage
 - Satellite Data Networks
 - Connected Lighting
 - Video and VOIP Telephones
 - Security Cameras

	Pricing (\$/Unit)	Compliance	Status	Topology	Phases	Control Mode	V _{CC} Min (V)	V _{CC} Max (V)	f _{sw} Typ (kHz)	Package Type
NCP1095DB	0.87	Pb H	Active				34.2	57		TSSOP-16
NCP1095DBR2	0.87	Pb H	Active				34.2	57		TSSOP-16