NCV7428

System Basis Chip with LIN and LDO Regulator

Product Overview

For complete documentation, see the data sheet.

NCV7428 is a System Basis Chip (SBC) integrating functions typically found in automotive Electronic Control Units (ECUs). NCV7428 provides and monitors the lowvoltage power supply for the application microcontroller and other loads and includes a LIN transceiver.

Features

- Control Logic
- 3.3 V or 5 V VOUT Supply depending on the Version from a Lowdrop Voltage Regulator
- LIN Transceiver
- Protection and Monitoring Functions
- These are PbFree Devices

Applications

- Automotive
- Industrial Networks

Part Electrical Specifications

Product	Status	Compilance	Data Transmission Standard	Data Rate	Number of Drivers	Number of Receivers	V_{CC} Min (V)	V_{CC} Max (V)	t_{PLH} Max (µs)	I_O Max (µA)	I_{IH} Max (mA)	Package Type	Case Outline	MSL Type	MSL Temp (°C)	Container Type	Container Qty.
NCV7428D13R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	SOIC-8	751AZ.PDF	2	260	REEL	3000
NCV7428D15R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	SOIC-8	751AZ.PDF	2	260	REEL	3000
NCV7428D1L3R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	SOIC-8	751AZ.PDF	2	260	REEL	3000
NCV7428D1L5R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	SOIC-8	751AZ.PDF	2	260	REEL	3000
NCV7428MW3R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	DFNW-8	507AB.PDF	1	260	REEL	3000
NCV7428MW5R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	DFNW-8	507AB.PDF	1	260	REEL	3000
NCV7428MWL3R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	DFNW-8	507AB.PDF	1	260	REEL	3000
NCV7428MWL5R2G	Active		LIN	20 kbaud	1	1	5.5	28	-	-	-	DFNW-8	507AB.PDF	1	260	REEL	3000