
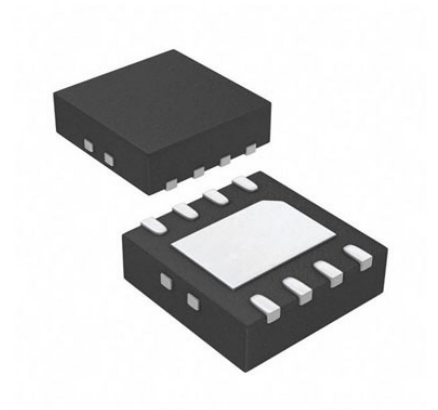


## LIN Transceiver 20kBd Automotive 8-Pin HSON EP T/R

<b>Manufacturer:</b>	<a href="#">ROHM Semiconductor</a>
<b>Package/Case:</b>	HSO8
<b>Product Type:</b>	Discrete Semiconductor Modules
<b>RoHS:</b>	RoHS Compliant/Lead free 
<b>Lifecycle:</b>	Active



Images are for reference only

[Inquiry](#)

### General Description

BD41030FJ-C, BD41030HFN-C is the best transceiver for BUS system which need LIN (Local Interconnect Network) master and slave protocol. BD41030FJ-C, BD41030HFN-C is low standby electricity consumption in sleep mode. BD41030HFN-C:HSO8

### Key Features

Compliant with LIN2.0, LIN2.1, LIN2.2, LIN2.2A

AEC-Q100 Qualified

Absolute maximum ratings of LIN pin is -27V to +40V

Max transmission rate 20kbps

Low Electro Magnetic Emission (EME)

High Electro Magnetic Immunity (EMI)

High impedance at power off for bus

Interface (RXD/TXD) with protocol layer corresponds to 3.3V/5.0V logic.

Built-in terminator for LIN slave

Standby power consumption in sleep mode

Transmit data (TXD) dominant time-out function

Resistant to LIN-BAT/GND short-circuit

Built-in Thermal Shut Down (TSD)

### Recommended For You

**BD41044FJ-CE2**

ROHM Semiconductor

SOP-J8

**BD41030FJ-CGE2**

ROHM Semiconductor

SOP-8

**BD41000AFJ-CE2**

ROHM Semiconductor

SOP8

**BD41030FJ-C**

ROHM Semiconductor

SOP-8

**BD93F10MWV-E2**

ROHM Semiconductor

2203

**BD41041FJ-CE2**

ROHM Semiconductor

SOP-J8

**BD8918FV-E2**

ROHM Semiconductor

TSSOP16

**BD41000FJ-CGE2**

ROHM Semiconductor

SOP-8

**BD8906F-E2**

ROHM Semiconductor

SOP28

**BD41040FJ-CE2**

ROHM Semiconductor

SOIC8

**BD8919F**

ROHM Semiconductor

SOP16

**BD8918F-E2**

ROHM Semiconductor

SOP16

**BD3376MUV-ME2**

ROHM Semiconductor

BGA

**BD41001FJ-CE2**

ROHM Semiconductor

SOP

**BD8906FV-E2**

ROHM Semiconductor

TSSOP-28P