

**Product:** Bluetooth Low Energy Module (BLEM)

**Model:** S2NA0

**Product outline:**

S2NA0 is a Bluetooth Low Energy Module installed in a motor vehicle.

The Bluetooth Low Energy Module adopts a 2.4 GHz wireless transceiver which uses the frequency hopping spread spectrum technology in accordance with the Bluetooth Specification Version 4.2.

It communicates with mobile devices via Bluetooth Low Energy (BLE) connections and with other ECUs in the vehicle via wired Controller Area Network (CAN) and Local Interconnect Network (LIN) buses.

**Appearance:**



type

**Product description:**

Standard based upon	:	Bluetooth Spec. Ver.4.2
Frequency range	:	2402 to 2480 MHz
Type of modulation	:	GFSK
Emission of designation	:	F1D
Nominal Voltage	:	12 V DC (S2NA0)
	:	3.3 V DC (Bluetooth IC)
Antenna	Antenna type	: Inverted F Antenna
	Model	: TI DN0007
	Antenna gain	: 3.3 dBi (max)
Connector type	:	N/A
		(The antenna is printed copper pattern on the S2NA0 PCB.)
Volage range	:	9 V to 16 V (S2NA0))
Operation Temp. range	:	-40 °C to 85 °C (S2NA0)