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TC35661IDBG-503 — **TC35661IDBG-503**

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⧉ A new window will open

TC35661IDBG-503 Under development

Bluetooth® IC

Complete model with SPP and GATT for automotive
Dual-mode communication devices with classic and LE

Description

Feature	Automotive / BR+LE dual
Automotive Support	Available
Bluetooth Category	Bluetooth® dual-mode
Bluetooth Core spec.	4.2
Embedded Profiles	GATT / SMP / SPP
Interfacing	I2C / SPI / UART
User RAM Size (KB)	N/A
User Flash Size (KB)	N/A
Function	ARM® ARM7TDMI-S™ / RF analog circuitry / low power mode
RoHS Compatible Product(s) (#)	Please contact us.
Status	Under development

Properties

Package Information

Toshiba Package Name	P-LFBGA64-0707-0.80-001
Package name	BGA
Pins	64
Package size	7.0 mm x 7.0 mm
Pin pitch	0.8 mm

Please refer to the link destination to check the detailed size.

Electrical Characteristics

Characteristics	Symbol	Condition	Value	Unit
Operating Temperature (Max)	T_{opr}	-	85	℃
Operating Temperature (Min)	T_{opr}	-	-40	℃
Power supply voltage (Max)	-	-	3.6	V
Power supply voltage (Min)	-	-	2.7	V
Current Consumption in RX Active mode (peak)	I_{RX}	(3.3V)	63	mA
Current Consumption in TX Active mode (peak)	I_{TX}	(3.3V)	63	mA

Current Consumption in Sleep mode	I$_{Sleep}$	-	30	µA
Transmit Power(Max)	P$_{Trans}$	-	2	dBm
Receiver Sensitivity	-	-	-91	dBm

Purchase and Sample

Stock Check & Purchase

> Global Sales

Notes

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