FM/AM Tuner for Radio DSP

TDGB2 Series





A high sensitivity tuner that works on frequency bands throughout the world, featuring a compact size with dimensions of 52×42×14mm.

for Broadcasting Use

Home Use Digital Terrestrial Tuners

Digital CATV Tuners

Digital BS Tuners

Automotive Use Digital Terrestrial Tuners

Antennas

Home Use FM/AM Tuners

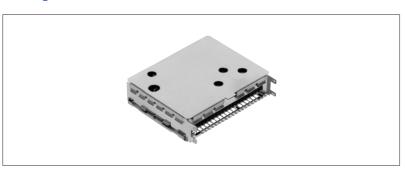
FM/AM Tuner for HD Radio™ Broadcasting

Automotive Use FM/AM Tuners

for Communication Use

RF Module for Data Communication

Transceiver Units for Cordless Telephones









Features

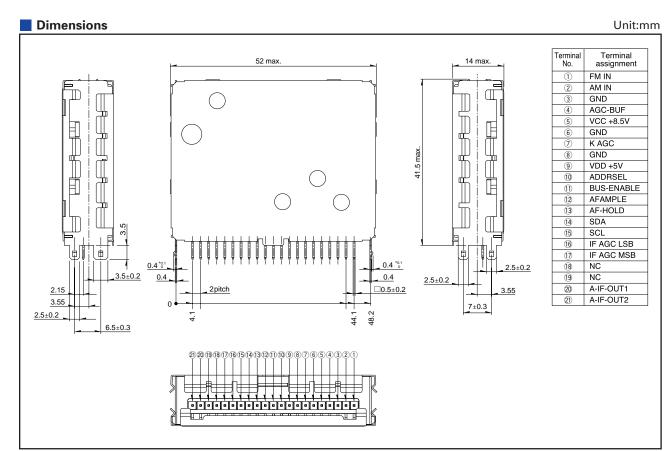
- Applicable to frequency bands throughout the world.
- Built-in antenna with a digital auto alignment function.
- AGC threshold setting with the I²C bus.
- Excellent phase noise characteristics and high sensitivity with low-distortion characteristics.

Applications

For home audio and car audio equipment

Typical Specifications

Items	TDGB2
Input frequency range (MW)	522 to 1710kHz
Input frequency range (FM)	76.0 to 108MHz
IF band width (AM&FM)	180kHz
IF output frequency (AM&FM)	10.7MHz
IF output level (AM&FM)	1.6Vp-p
Supply voltage	8.5V, 5.0V
Current consumption	50mA (8.5V) , 35mA (5.0V)



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Product Line

Series	Tuning selection	Outline dimensions		ANT impedance	Supply	Tuning	D
		Mounting form	Dimensions (mm)	$(\dot{\Omega})$	voltage (V)	voltage (V)	Page
TDGA2		Vertical	52×42×14	FM 75 AM —	8.5 5.0		21
TDGB2	FM 1 AM —						23
TFTE3			61×42×15				25

Notes

- 1. Please order a minimum of 500 pieces or more.
- 2. For export packing unit, please consult us.

Ordering Instructions

In order to provide a quicker response to your order, please fill in the essential items in the following check sheet.

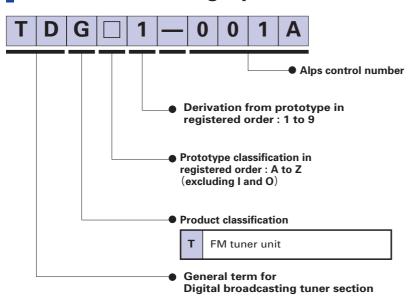
Check Sheet

No.	Items	Descriptions						
1	Applications	□Car stereo □Others(s with cassette tape pla	ıyers □Car	stereos with CD pl	ayers		
2	Destination	□U.S.A. (88MHz to 108MHz) □Japan (76MHz to 90MHz)			□Europe (87.5MHz to 108MHz) □Others()			
3	Schedule	ES1	ES2	Approval	P/P	M/P		

Note

For customized specifications and details, please contact us.

Product Numbering System



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