

# 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

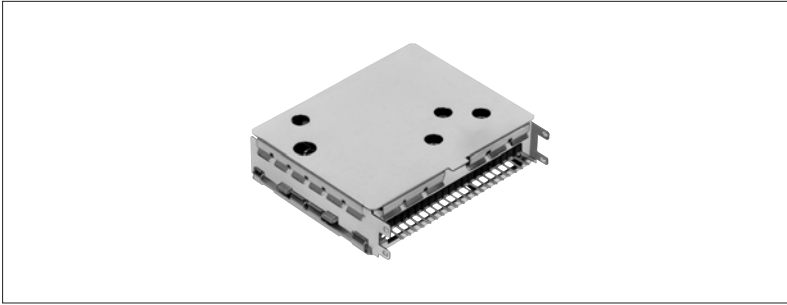
FM/AM Tuner  
for HD Radio™  
Broadcasting

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 I<sup>2</sup>C bus.
- Excellent phase noise characteristics and high sensitivity with low-distortion characteristics.

## Applications

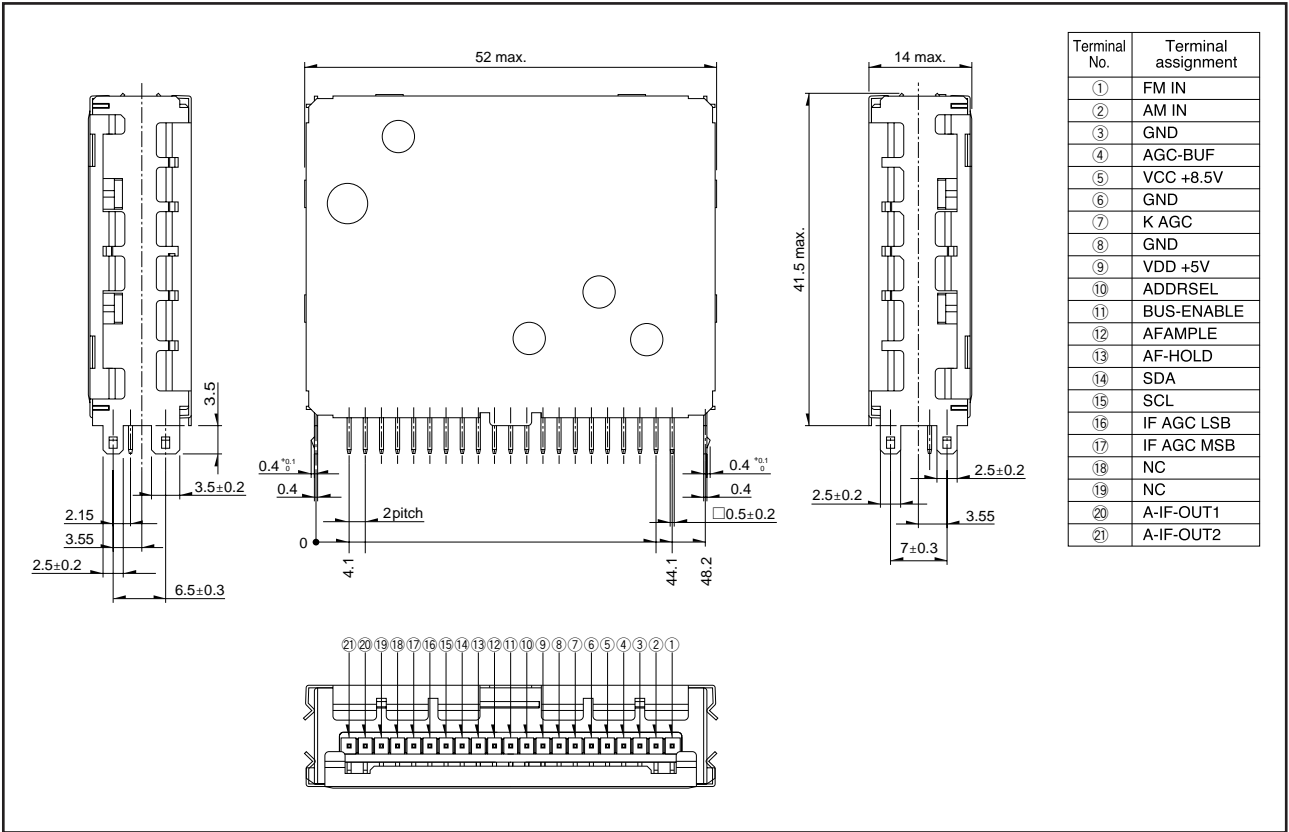
- For home audio and car audio equipment

## Typical Specifications

Items	Model	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)		1.6V <sub>p-p</sub>
Supply voltage		8.5V, 5.0V
Current consumption		50mA (8.5V) , 35mA (5.0V)

Dimensions

Unit:mm



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