SIEMENS

Product Brief

TDA 4362

The Weatherband IC

The TDA 4362 is an integrated Dual-Conversion-AM-Receiver.

TDA 4362

Potential Application

- Car radios

Features

- High flexibility with external preamplifier
- 2 symmetrical or asymmetrical mixer inputs
- 2-pin-Oscillator for the 1st LO
- 1st LO with LC-tank circuit
- 1st LO, 60 to 160 MHz range
- Low narrow band noise
- Divider for 1st LO by 2, 4, 6, 8, 10, 12
- Integrated AGC generation for the prestages
- Strictly symmetrical RF path
- Decoupled direct and divided counter outputs
- 2nd LO with quartz or external source
- Output for gain controlled 2. IF
- FM-coincidence demodulator
- Two inputs for the 2nd IF-stage

Price Projection

- Standard price list
- For Key and Focus accounts or high volumes you may contact your regional Siemens sales partner

Development and Support Tools

- Application Board TDA 4362 and 4362X

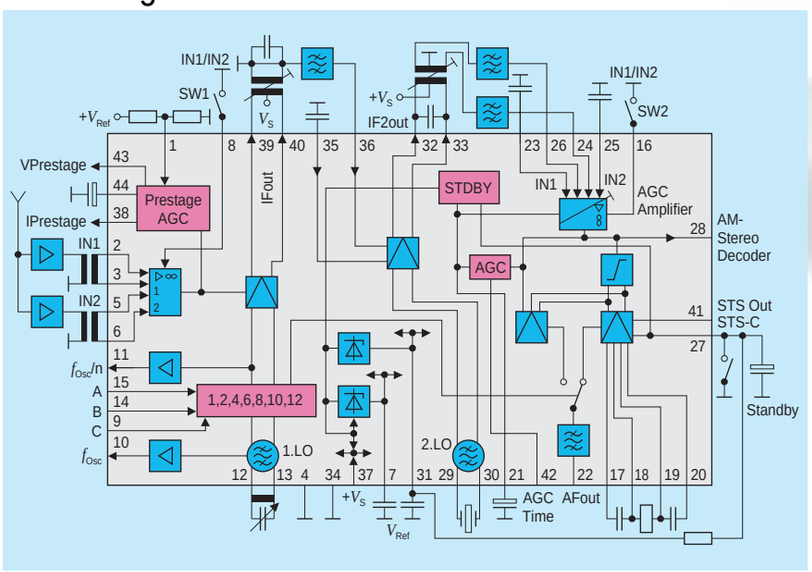
Features	Benefits
One IC for global LW/MW/SW reception	World radio
Supports US weather band (WB) services	Substitutes expensive modules
AM up/down conversion concept	Alignment free
Dual mixer input for AM and WB	No need for switching diodes

Packing

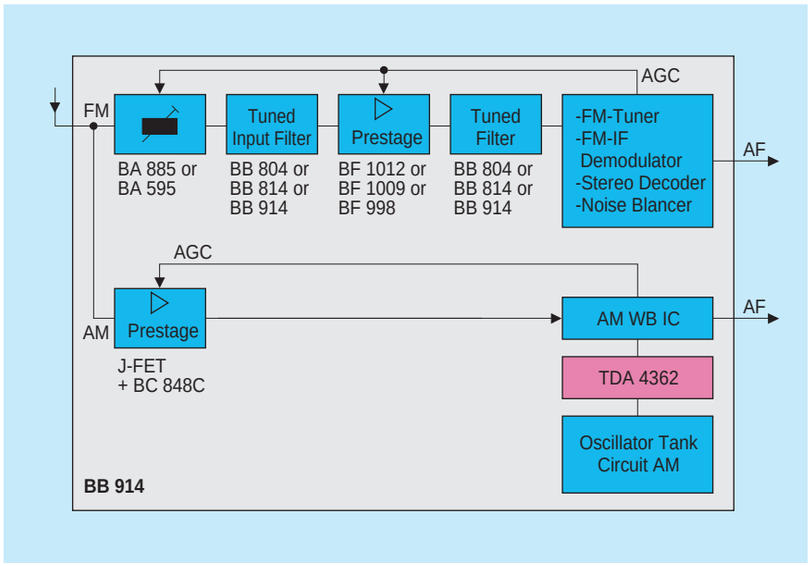
Type	Ordering Code	Package
TDA 4362	Q67007-A5228	P-MQFP-44-2
TDA 4362X	Q67007-A5238	P-DSO-28-1

Documentation	Date of Issue/Version
Specification	4/98
Application (TDA 4362)	1/98

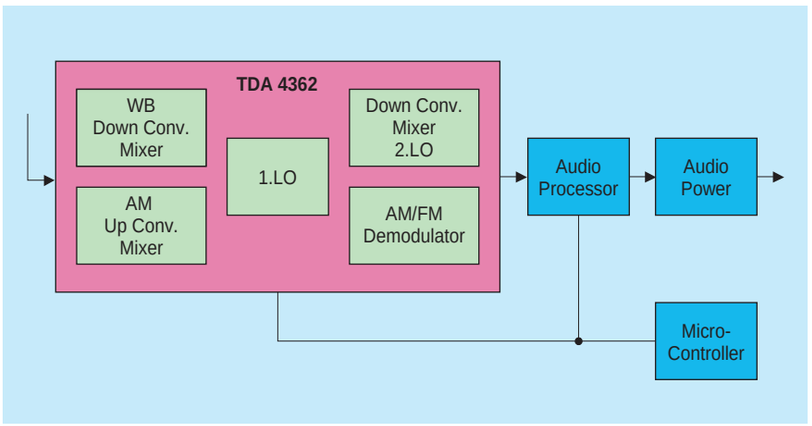
Block Diagram



FM Semiconductors in Car Radio AM/WB Receivers



AM/WB Receiver TDA 4362



Availability

Samples available;
Product development release

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