

Product Brief

TDA 4362

The Weatherband IC

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



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

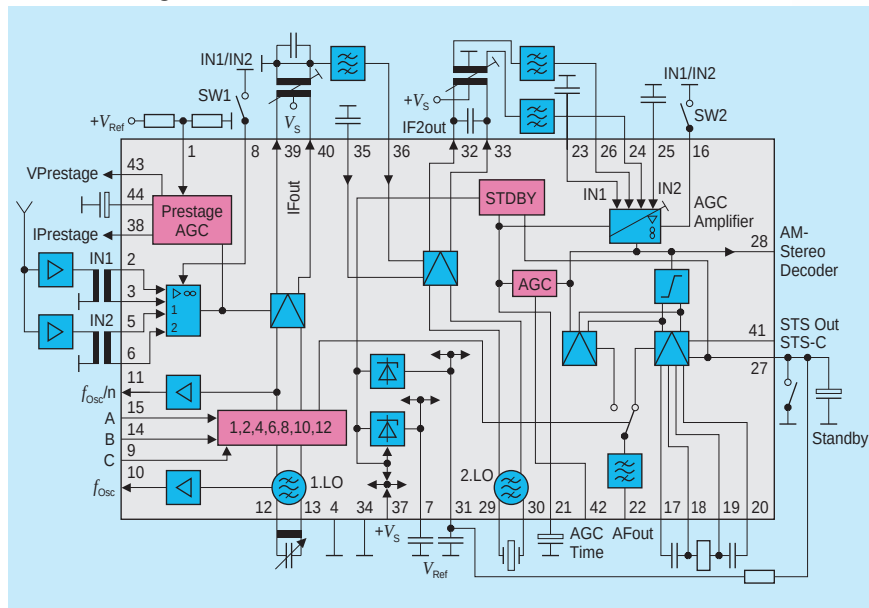
Features	Benefits
One IC for global LW/MW/SW reception	World radio
Supports US weather band (WB) services	Substitutes expensive modules
AM up/down conversion concept	Alignment free
Dual mixer input for AM and WB	No need for switching diodes

Packing

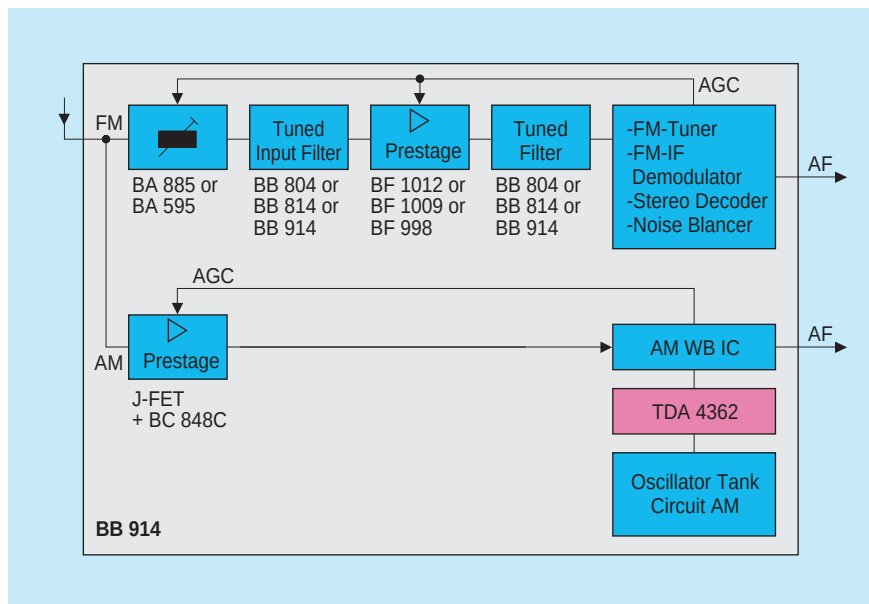
Type	Ordering Code	Package
TDA 4362	Q67007-A5228	P-MQFP-44-2
TDA 4362X	Q67007-A5238	P-DSO-28-1

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

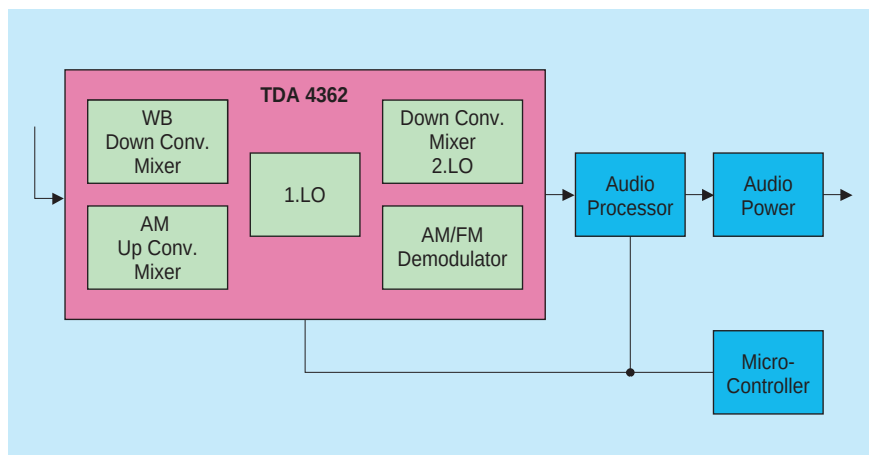
Block Diagram



FM Semiconductors in Car Radio AM/WB Receivers



AM/WB Receiver TDA 4362



Availability

Samples available;
Product development release

A Wien ☎ (+43) 1-1707-356 11	IRL Dublin 4 ☎ (+353) 1-603 23 42
AUS Richmond (Melbourne), Vic. 3121 ☎ (+61) 3-9420 71 11	J Tokyo 141-0022 ☎ (+81) 3-5449 64 11
B Brussel/Bruxelles ☎ (+32) 2-536 23 48	MAL Penang ☎ (+60) 4-644 99 75
BR São Paulo-SP ☎ (+55) 11-836 23 77/26 84	N Oslo 5 ☎ (+47) 22-63 30 00
CDN Mississauga, Ontario L5T 1P2 ☎ (+1) 905-819 80 00	NL Den Haag ☎ (+31) 70-333 24 29
CH Zürich ☎ (+41) 1-495 30 65	NZ Auckland ☎ (+64) 9-520 30 33
D Düsseldorf ☎ (+49) 211-399 15 51 Laatzten (Hannover) ☎ (+49) 511-877 27 06 Nürnberg ☎ (+49) 911-654 76 22 Stuttgart ☎ (+49) 711-137 33 14 München ☎ (+49) 89-9221 40 86	P Amadora ☎ (+35) 1-417 00 11
DK Ballerup ☎ (+45) 4477-44 77	PK Islamabad ☎ (+92) 51-21 22 00
E Tres Cantos-Madrid ☎ (+34) 91-514 80 00	PL Warszawa ☎ (+48) 2-670 91 51
F Saint-Denis CEDEX 2 ☎ (+33) 1-4922 31 00	RC Taipei ☎ (+886) 2-2773 66 06
FIN Espoo (Helsinki) ☎ (+35) 9-5105 1	ROK Seoul 135-080 ☎ (+82) 2-527 77 00
GB Berkshire RG 12 8FZ ☎ (+44) 1344-39 60 00	RUS Moskva ☎ (+7) 095-237-64 76, -69 11
GR Amaroussio/Athen ☎ (+30) 1-686 41 11	S Kista ☎ (+46) 8-703 35 00
HK Hong Kong ☎ (+852) 2832 05 00	SGP Singapore 349 253 ☎ (+65) 840 06 10
I Milano ☎ (+39) 02-6676-1	TR Findikli (Istanbul) ☎ (+90) 212-251 09 00
IND New Delhi 110 014 ☎ (+91) 11-461 74 47 Bangalore 560 001 ☎ (+91) 80-227 98 74 Mumbai ☎ (+91) 22-496 21 99	USA Cupertino, CA 95014 ☎ (+1) 408-777 45 00 Cupertino, CA 95014 ☎ (+1) 408-257 79 10 Iselin, NJ 08830-2770 ☎ (+1) 732-906 43 00
	VRC Beijing ☎ (+86) 10-6857 90 -06, -07
	Shanghai 200003 ☎ (+86) 21-6361 26 18/19
	ZA Halfway House 1685 ☎ (+27) 11-652-20 00, -27 00

How to reach us:

<http://www.siemens.de/semiconductor>

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