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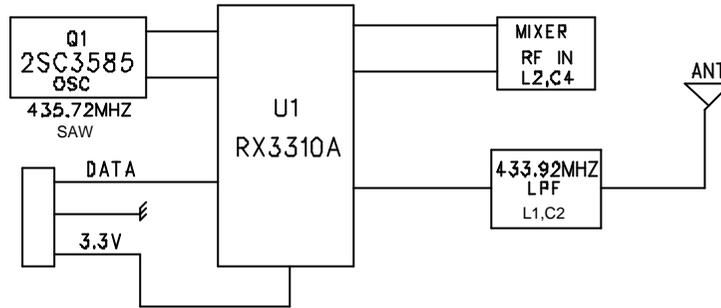
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REVISION RECORD			
REV	REV. DATE	APPROVER	REASON

RF RX MODULE BLOCK DIAGRAM



REVISION RECORD			
REV	REV. DATE	APPROVER	REASON

NAME				DATE			
DESIGNER				DATE			
QUALITY CONTROL				DATE			
DRAWN				DATE			

SUPPLIER			
TITLE			
QTY	DATE	QTY	DATE



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## Description

The RX3310A is a fully integrated, amplitude-shift-keying (ASK) modulation, single chip receiver. It is designed to operate in a variety of low power radio applications. All popular radio frequencies from 250 MHz to 450 MHz may be supported by simply choosing the appropriate external components. Particular emphasis has been placed on low current consumption.

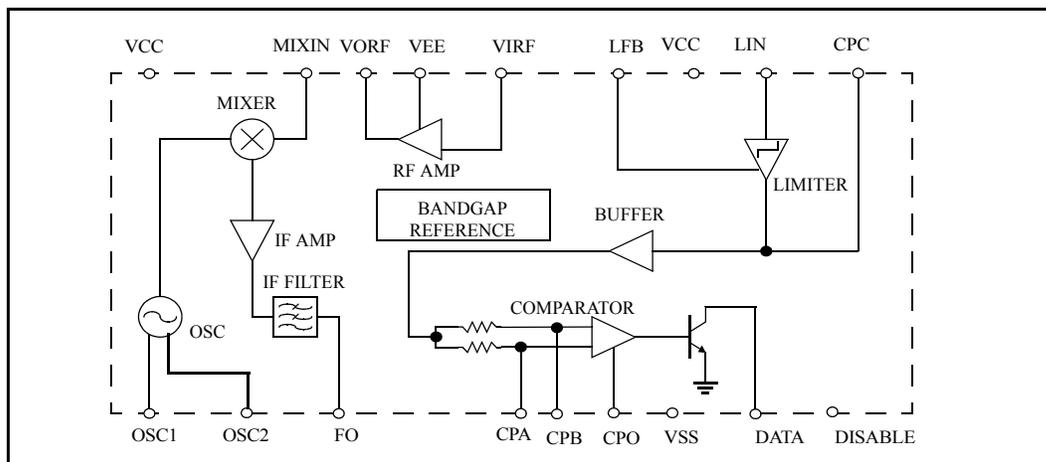
## Features

- ◆ Wide frequency range: 250 MHz to 450 MHz
- ◆ High sensitivity
- ◆ Low power consumption
- ◆ Automotive temperature range
- ◆ High integration level requiring few and inexpensive external components
- ◆ SOP 18L package or SSOP 20L (150 mil) package

## Applications

- ◆ Remote control systems
- ◆ Car alarm and other security systems
- ◆ Baby finder, wireless doorbell, wireless toys

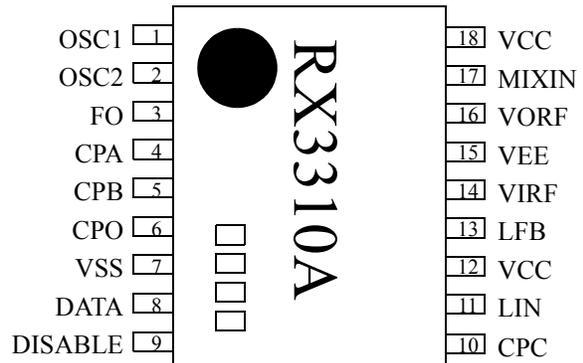
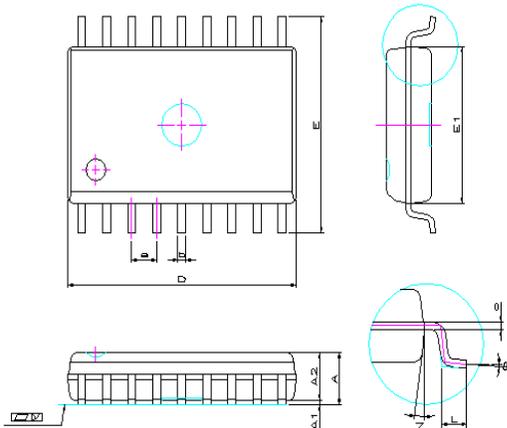
## Block Diagram



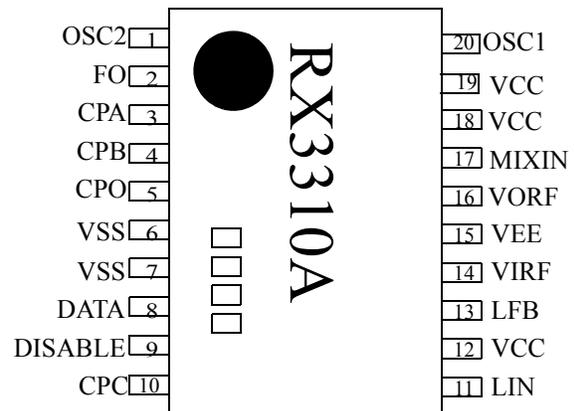
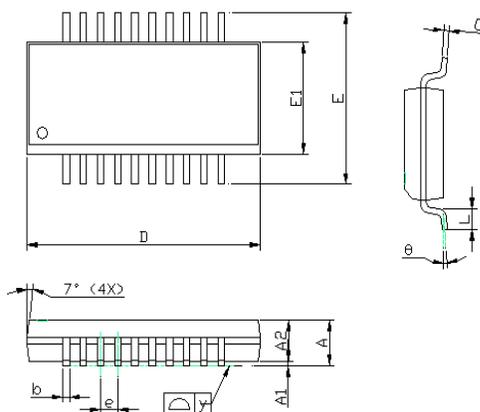


**Package and Pin Assignment: SOP 18L or SSOP 20L**

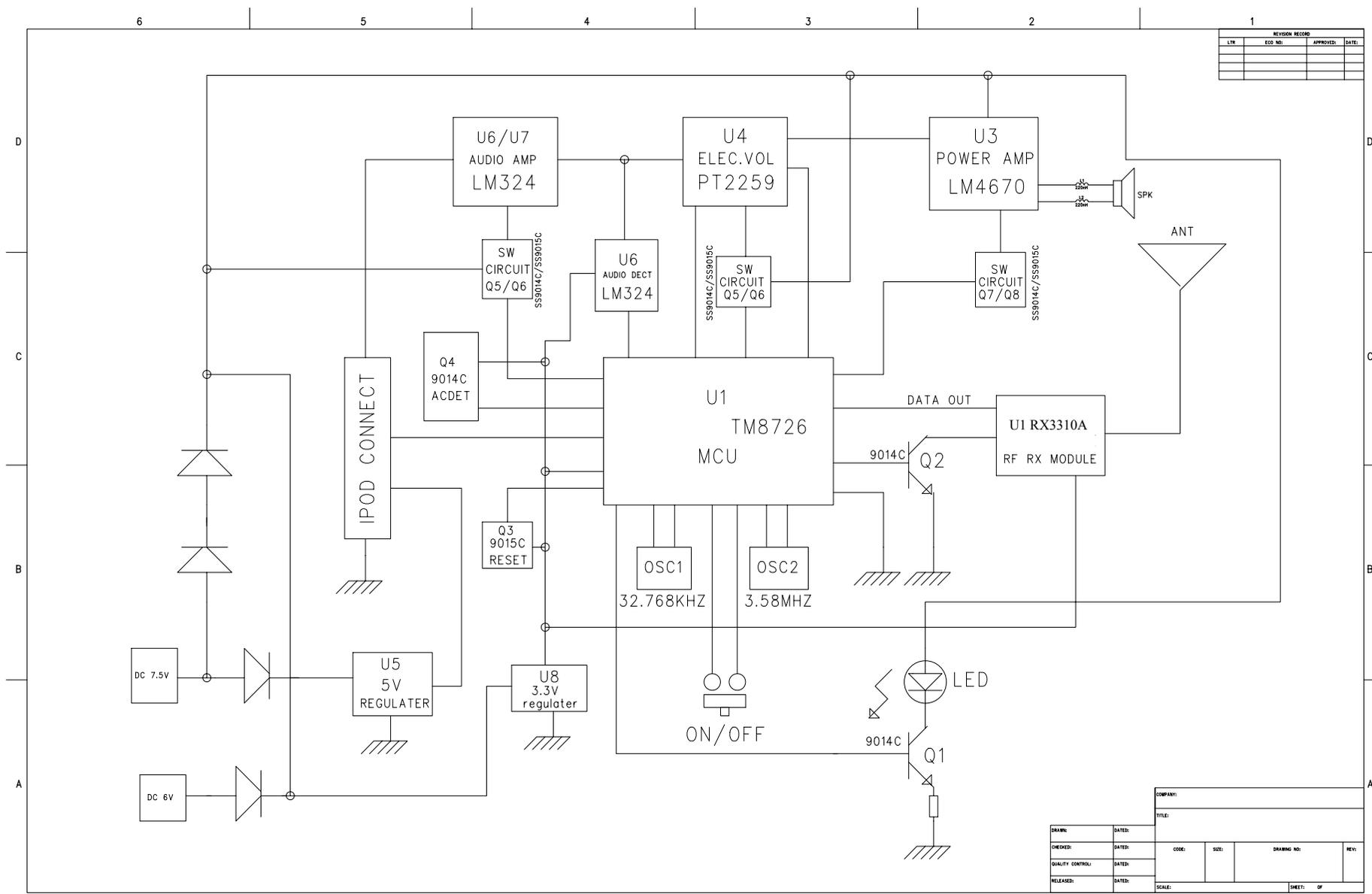
**SOP 18L package**



**SSOP 20L package**



Sym bols	SOP 18L (dimensions in mm)			SOP 18L (dimensions in inch)			SSOP 20L (dimensions in mm)			SSOP 20L (dimensions in inch)		
	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.	MIN.	NOM.	MAX.
A	---	---	2.640	---	---	0.104	1.35	1.60	1.75	0.053	0.064	0.069
A1	0.100	---	---	0.004	---	---	0.1	---	0.25	0.004	---	0.010
A2	2.190	2.290	2.390	0.086	0.090	0.094	---	1.45	---	---	0.057	---
b	0.360	0.410	0.460	0.014	0.016	0.018	0.20	0.25	0.30	0.008	0.010	0.012
C	0.242	0.250	0.258	0.007	0.010	0.013	0.19	---	0.25	0.007	---	0.010
D	11.46	11.56	11.66	0.451	0.455	0.459	8.55	---	8.75	0.337	---	0.344



REVISION RECORD			
LTR	ECO NO.	APPROVED	DATE

DRAWN:				DATED:							
CHECKED:				DATED:							
QUALITY CONTROL:				DATED:							
RELEASED:				DATED:							
COMPANY:		TITLE:		CODE:		SIZE:		DRAWING NO:		REV:	
SCALE:		SHEET:		OF							