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# VVC Tuner

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## ■ INTRODUCTION

VVC tuner is a significant component parts of TV. It receives and selects the RF signal on the air. A receiver translates the desired RF frequency to one intermediate frequency before demodulation. Modulation information is recovered from last IF(Intermediate Frequency) signal. Tuner is to be classified into NTSC and PAL type. Each type observes the FCC and CCIR Standards.

## ■ FEATURE & APPLICATION

### ● Feature

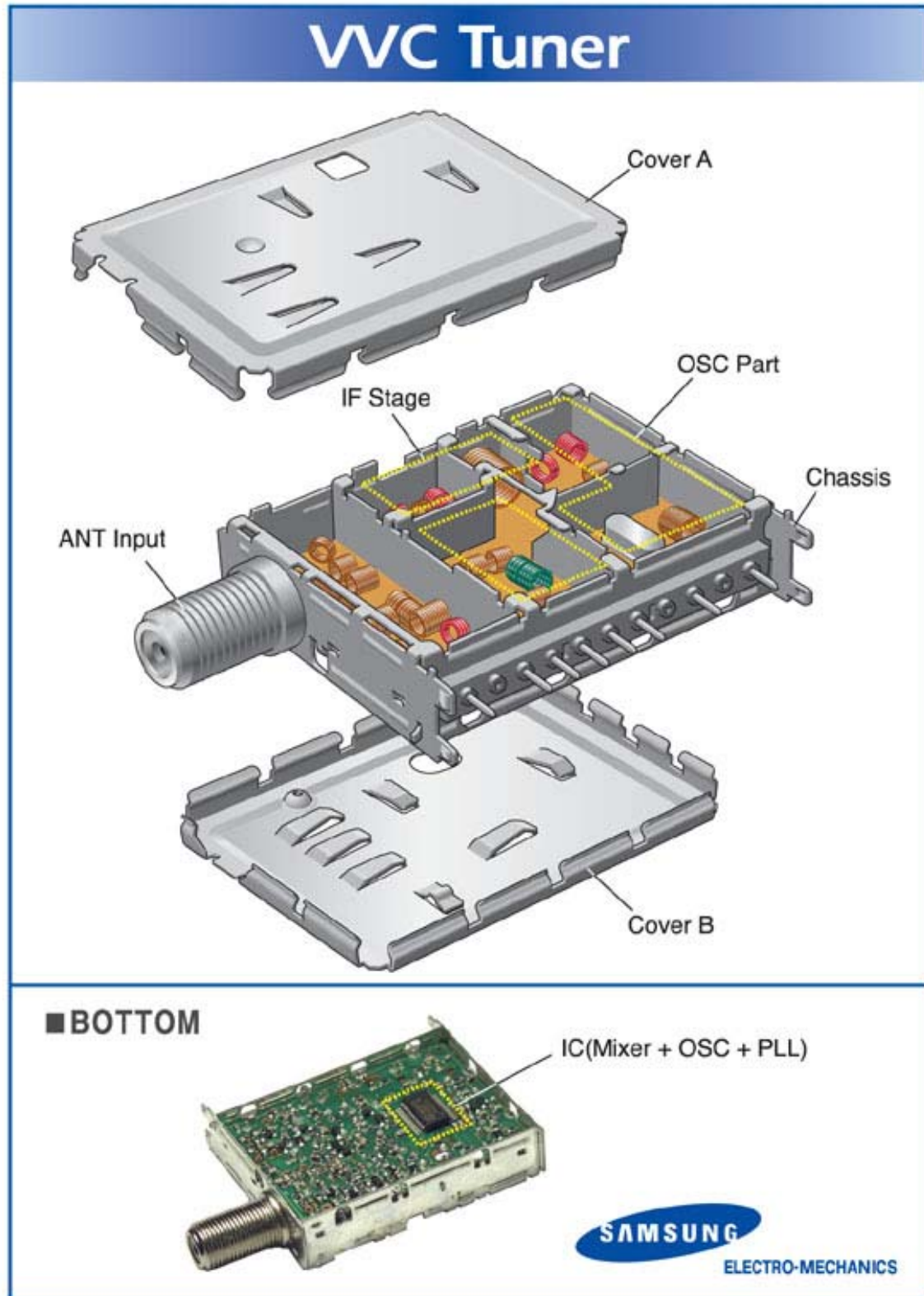
- Low Cost, Small Space
- High Immunity Design For EMC
- COMPACT Type (Pin Configuration , Dimension)
- Unify Power
- Tuner Supply Voltage 5V & 33V
- High Performance & Reliability
- All Channel Assignments are Available (NTSC , PAL)

### ● Application

- TV

# VVC Tuner

## ■ STRUCTURE



## ■ PART NUMBERING

**TECC 0 9 4 9 P G 40 A(S)**

① ②③④⑤ ⑥⑦⑧ ⑨

- ① ELECTRONIC TUNER
- ② Receiving System
- ③ Jack Type
- ④ AGC Supply Voltage
- ⑤ Receiving Channel Range
- ⑥ Tuning System
- ⑦ B+ Supply Voltage
- ⑧ Chassis Type
- ⑨ Revision Number ( BUYER)

### ② RECEIVING SYSTEM

NO.	RECEIVING SYSTEM
1	NTSC
2	PAL B/G
3	JAPAN
4	AUSTRALIA
5	U.K.
6	S.A. OR OIRT
7	PAL D/K
8	ITALY
9	FRANCE
0	MULTI

### ③ JACK TYPE

NO.	TYPE
1	300Ω + 300Ω
2	300Ω ONE INPUT
3	300Ω + 75Ω (F CONNECTOR)
4	NOT AVAILABLE
5	300Ω + 75Ω (PHONE)
6	300Ω + 75Ω (DIN)
7	NOT AVAILABLE
8	75Ω ONE INPUT(PHONE)
9	75Ω ONE INPUT(DIN)
0	75Ω ONE INPUT(F CONNECTOR)

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### ④ AGC SUPPLY VOLTAGE

NO.	VOLTAGE
0	1.7V
4	4.0V
6	6.5V
7	7.0V
8	8.0V(7.5V)

### ⑤ RECEIVING CHANNEL RANGE

NO.	NTSC CH.	PAL CH.
1	69	-
2	-	-
3	82	STANDARD
4	-	-
5	105	CABLE
6	110	-
7	-	-
8	-	-
9	139	FULL BAND
0	155,181	-

### ⑥ TUNING SYSTEM

ITEM	TUNING METHOD
V	VOLTAGE SYNTHESIZING
L	LOP
F	FREQUENCY SYNTHESIZING
P	PLL

### ⑦ B+ SUPPLY VOLTAGE

ITEM	B+	AFC
A	12	6.5
L	12	4.5
K	12	-
D	9	4.5
J	9	-
G	5	2.5