

2/4 Antennas Diversity OFDM Receiver for Mobile HDTV Application

1. Feature

- ◆ **FULSEG-MOD-2DIV-1** (for 2 antennas)/**-4DIV-1** (for 4 antennas) is each **2/4** antennas diversity OFDM demodulator for ISDB-T HDTV application, specially designed for Mobile TV reception on portable and Car.
- ◆ **FULSEG-MOD-2DIV-1/-4DIV-1** is each integrated with 1/2 OFDM demodulator LSI(s) and 2/4 RF tuners, enabling Digital HDTV reception in moving vehicles.

2. Specification

<Common items for FULSEG-MOD-2DIV-1/-4DIV-1>

- ◆ Supply Voltage : 1.1-1.3V (OFDM) 3.15-3.45V (RF, OFDM)
- ◆ Operating Temperature : -30 - +85°C
- ◆ Reception Channel UHF : CH13~CH62 (470MHz~770MHz)
- ◆ RF Input:: 75Ω impedance
- ◆ Output format : TSP Output for connecting to MPEG2
- ◆ Voltage supply for antennas : 10V

<each items>

	FULSEG-MOD-2DIV-1	FULSEG-MOD-4DIV-1
◆ Size :	33mm x 33mm	36.3mm x 67mm
◆ Power Consumption :	Typ. 1.6W	Typ. 3.2W
◆ Total Pin numbers :	32pin	64pin
◆ Number of TS Output	1	1 or 2 (controlled by output-pin)
◆ Weight :	7g	14g

3. Schedule

- ◆ **FULSEG-MOD-2DIV-1** ES: NOW, CS: NOW, MP: 08/04
- ◆ **FULSEG-MOD-4DIV-1** ES: NOW, CS: TBD, MP: TBD

4. Configuration

