

Using breakthrough technology,
we aim for products that will create new markets.

New Product News

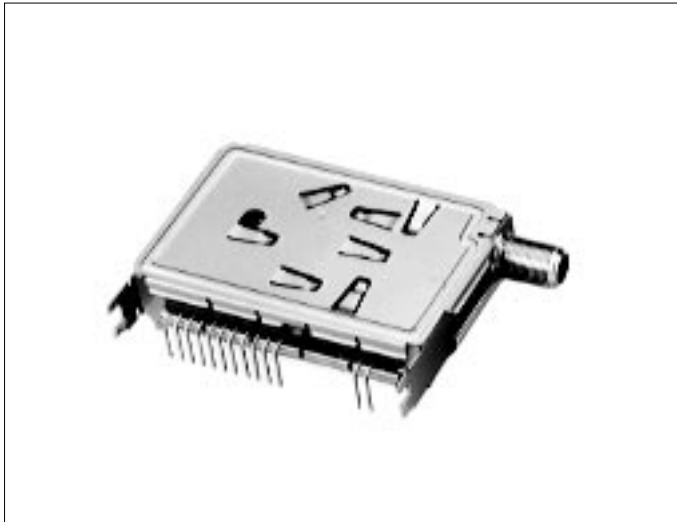
First introduced to industry

Digital Tuner

Digital Cable Tuner (Single conversion)

Industry/Field: AV, Personal computer

Realization of high interference-suppression for most suitable receiving Cable.



• Development Target:

Tuners capable of receiving digital Cable broadcasting (visual & data transmission, & telephony service) are required.

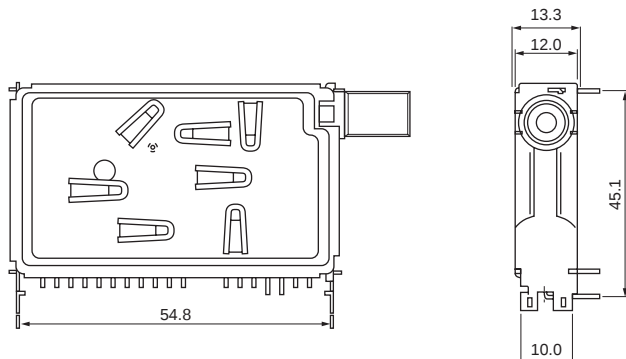
• Features:

- ① High interference-suppression realized by adopting PIN AGC.
- ② Low phase noise realized by adopting custom IC.
- ③ Vertical and Horizontal mounting available.

• Number of industrial property rights: 2 patents

• Structure:

• ET03DR

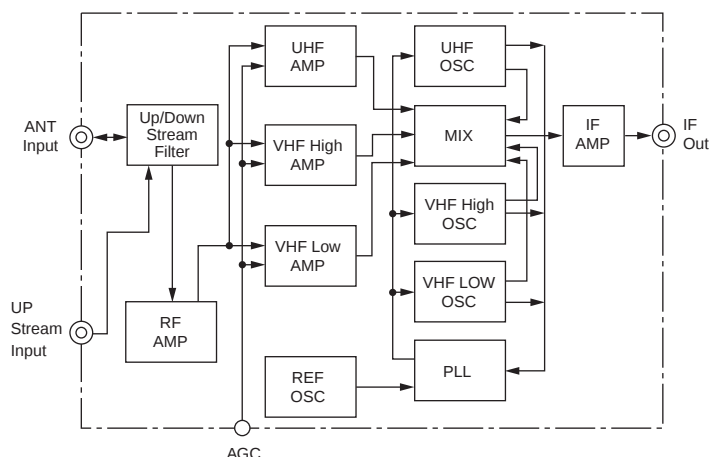


• Characteristics/specifications:

	U.S.A Channel	Europe Channel
RF Input Frequency	88 to 860 MHz	47 to 862 MHz
Input Impedance	75 Ω Unbalanced	75 Ω Unbalanced
Output Center Frequency	44 MHz	36.15 MHz
IF Output Impedance	75 Ω Unbalanced	75 Ω Unbalanced
Noise Figure	10 dB max.	10 dB max.
Gain	40 dB typ.	40 dB typ.
Image Rejection	45 dB min.	45 dB min.
Phase Noise	-87dBc/Hz typ.@10kHz offset	-87dBc/Hz typ.@10kHz offset
Supply Voltage	+ 5V:165mA typ. 210mA max. +30V:1mA typ. 3mA max.	+ 5V:165mA typ. 210mA max. +30V:1mA typ. 3mA max.
PLL Interface	3 wire or I ² C	I ² C

• Applications/usage examples:

- STB • CABLE MODEM • CABLE TELEPHONE
- U.S.A.



• Explanation of part numbers:

1	2	3	4	5	6	7	8	9	10
E	N	V			E			D	
Product Code	Product Destination	Type	Design Order	Discrimination					