

TC9302F-001A

TC9302F-001A DIGITAL TUNING SYSTEM

o Outline of System

The TC9302F-001A can compose a high efficiency digital tuning system in combination with the TC9172P, a PLL LSI. The TC9302F-001A is a 3-band tuning controller of LW/MW/FM, equipped with the clock function, most suitable to apply to high efficiency car radios.

o Receiving Frequency Bands

Area	E1	E2	Receiving Frequency (Hz)	Step (Hz)	f _{ref} (Hz)	Remarks	
JAPAN	0	1	FM 76.0 ~ 90.0 M	100 k	25 k		
			MW 522 ~ 1629 k	9 k	9 k		
USA	0	0	FM 87.5 ~ 107.9 M	200 k	25 k		
			MW 530 ~ 1620 k	10 k	10 k		
EUROPE	1	0	FM 87.5 ~ 108.0 M	50 k	25 k		
			MW 531 ~ 1602 k	9 k	9 k		
			LW1 153 ~ 279 k	9 k	1 k		Availability of LW. LW1/LW2 are selectable.
			LW2 155 ~ 281 k				
S-AFRICA	1	1	FM 87.5 ~ 108.0 M	50 k	25 k		
			MW 531 ~ 1602 k	9 k	9 k		
			LW1 153 ~ 279 k	9 k	1 k		Availability of LW. LW1/LW2 are selectable.
			LW2 155 ~ 281 k				

o Outline of Functions

o Tuning Functions

- Manual up/down tuning
- Seek tuning (SEEK)
- Scan tuning (SCAN)
- Memory scan tuning

o Memory Function

- 6 channels each for FM/MW/LW band

o Clock Function

- 12/24-hour clocks are built in

o Other Functions

- Function switch
- TAPE function
- 1/2 duty 54 segment LC display

TOSHIBA

