

Digital Tuning System (DTS) (1)

A3

System No.	System IC-LSI		Operating Voltage	Crystal Oscillation	Major Functions			Station Selection Method	Clock Function	Other
	Controller	PLL prescaler			Receiving Band	Preset Memory	Display type			
DTS-9	TC9301AN	TC9172AP	4.5~5.5V	7.2MHz	*	*	VFD (LED)	*	*	• Software programming
	TC9303AN	TC9227P TC9228P	4.5~5.5V	7.2MHz	*	*	Dynamic	*	*	• CMOS high-speed PLL
DTS-10	TC9304F		4.5~5.5V	7.2MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	• Single chip DTS
	TC9309F		4.5~5.5V	7.2MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	• Software programming
	TC9319F		4.5~5.5V	3.6MHz/ 7.2MHz/ 10.8MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	• OTP version available; • TC93P09F, TC93P19F
DTS-11	TC9308AF	TD6134AF	1.8~3.6V	75kHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	• For portable set
	TC9316F TC9316FA TC9316FB	TD7101F TD7103F	1.8~3.6V	75kHz	*	*	LCD 1/3 duty, 1/2 bias.	*	*	• Low voltage operation • Software programming
	TC9307AF		4.5~5.5V	75kHz/ 150kHz	*	*	LCD 1/4 duty, 1/3 bias.	*	*	• Single chip DTS
DTS-21	**TC9317F		1.8~3.6V	75kHz	*	*	LCD 1/3 duty, 1/2 bias	*	*	• For portable set • Software programming

*: Refer to Item on Standard Software Products on following pages. **: New Product

Digital Tuning System (DTS) (2) Standard Software Products

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System No.	System LSI	Suitable Pre-scaler/PLL	Operating Voltage	Crystal	Receiving Band					Preset Memory	Tuning Mode					Clock Function			Display	Function Switch	Others
					FM	MW	LW	SW	TV		Manual	Seek	Scan	Memory Scan	Auto Memory	Clock	Timer	Sleep			
DTS-9	TC9303AN-001	TC9227P/ TC9172AP			○	○	○	-	-	FM:10 max. MW+LW: 10max. FM+MW+ LW:20max	○	○	-	○	-	-	-	-	VFD • Dynamic display • 7 digits x 8 segments	4	• IF-Count Auto-stop with TC9227P • 8-bit Parallel Remo-Con with TC9173P • External display of memory CH by TC9174P
DTS-10	TC9304F-011	Built-in	4.5~5.5V	7.2MHz	○	○	○	-	-	FM:12max MW:6 LW:6 Total 24 stations	○	○	○	-	-	12H	-	-	LCD • 5V Use • 1/2 Duty • 1/2 Bias • 50 segments	-	• SDK function • IF-Count Auto-stop • Clock disable
	TC9304F-027				○	○	○	-	-	FM:16max MW:8 LW:8	○	○	-	○	-	-	-	-		1	IF-Count Auto-stop STEREO/MONO display
	TC9304F-047/-051				○	○	○	-	-	FM:12 MW:6 LW:6	○	○	○	○	○	12H	-	-		4 at tape mode	• Tape deck function • Clock disable • Clock display is optional in radio off. • MW(USA) Band range -047/051:530 - 1710kHz • -051: Auto tuning step can be selected (9N/9N+2) step by key operation in LW band.