

Digital Tuning System (DTS) (1)

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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)	*	*	<ul style="list-style-type: none"> • Software programming • CMOS high-speed PLL
	TC9303AN	TC9227P TC9228P	4.5~5.5V	7.2MHz	*	*	Dynamic	*	*	
DTS-10	TC9304F	TC9309F	4.5~5.5V	7.2MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	<ul style="list-style-type: none"> • Single chip DTS • Software programming • OTP version available; • TC93P09F, TC93P19F
	TC9309F		4.5~5.5V	7.2MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	
	TC9319F	4.5~5.5V	3.6MHz/ 7.2MHz/ 10.8MHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*		
DTS-11	TC9308AF	TD6134AF	1.8~3.6V	75kHz	*	*	LCD 1/2 duty, 1/2 bias.	*	*	<ul style="list-style-type: none"> • For portable set • Low voltage operation • Software programming
	TC9316F TC9316FA TC9316FB	TD7101F	1.8~3.6V	75kHz	*	*	LCD 1/3 duty, 1/2 bias.	*	*	
	TC9316FB	TD7103F								
DTS-12	TC9307AF		4.5~5.5V	75kHz/ 150kHz	*	*	LCD 1/4 duty, 1/3 bias.	*	*	<ul style="list-style-type: none"> • Single chip DTS • For portable set
DTS-21	**TC9317F		1.8~3.6V	75kHz	*	*	LCD 1/3 duty, 1/2 bias	*	*	<ul style="list-style-type: none"> • 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	4.5~5.5V	7.2 MHz					FM:10 max. MW+LW: 10max.										VFD • Dynamic display • 7 digits x 8 segments	4	<ul style="list-style-type: none"> • IF-Count Auto-stop with TC9227P • 6-bit Parallel Remo-Con with TC9173P • External display of memory CH by TC9174P 		
DTS-10	TC9304F-011	Built-in								FM:12max MW:6 LW:6 Total 24 stations						12H				LCD • 5V Use • 1/2 Duty • 1/2 Bias • 50 segments		<ul style="list-style-type: none"> • 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