

ISD1700 SERIES

World's First Multi-Message ChipCorder with Built-In Message Management



Automotive

Remote keyless entries, traffic management systems, car interiors, door chimes, radar detectors



Consumer & Novelties

Voice memo/prompts, key chains, picture frames, photo albums, recording pens, greeting cards, and talking toys



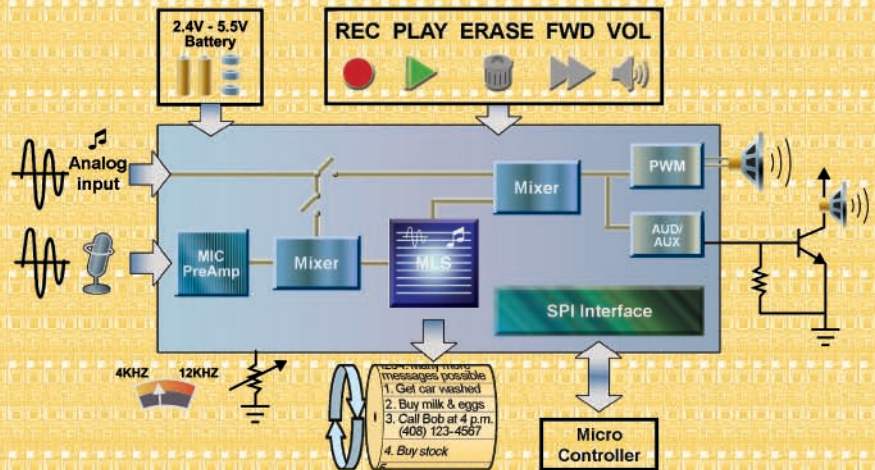
Industrial

Warning signals, alarms, point-of-sales displays, door bells, vending/washing/voting machines, parking meters, bus/metro announcement systems



BENEFITS

- Highest quality in voice record and playback for embedded and standalone applications
- Voice band design for efficient speech capture
- Analog capture avoids sound quality degradation due to ADPCM and other digital solutions
- Unique approach avoids cost and complexity of DSP based solutions
- Voice record and playback system on a single chip
- Analog circuit elements for complete system design solutions
- MLS technology eliminates digital compression artifacts, while minimizing memory array size
- Non-volatile message storage removes the need for battery backup circuits



Part Number	Sampling Frequency					Ordering Number				Availability*
	12 kHz	8 kHz	6.4 kHz	5.3 kHz	4 kHz	Die	28L-SOIC	28L-PDIP	28L-TSOP	
ISD1730	20 secs	30 secs	37 secs	45 secs	60 secs	I1730X	I1730S	I1730P	I1730E	Now
ISD1740	26 secs	40 secs	50 secs	60 secs	80 secs	I1740X	I1740S	I1740P	I1740E	Now
ISD1750	33 secs	50 secs	62 secs	75 secs	100 secs	I1750X	I1750S	I1750P	I1750E	Now
ISD1760	40 secs	60 secs	75 secs	90 secs	120 secs	I1760X	I1760S	I1760P	I1760E	Now
ISD1790	60 secs	90 secs	112 secs	135 secs	180 secs	I1790X	I1790S	I1790P	I1790E	Now
ISD17120	80 secs	120 secs	150 secs	181 secs	240 secs	I17120X	I17120S	I17120P	I17120E	Now
ISD17150	100 secs	150 secs	187 secs	226 secs	300 secs	I17150X	I17150S	I17150P	I17150E	Now
ISD17180	120 secs	180 secs	225 secs	271 secs	360 secs	I17180X	I17180S	I17180P	I17180E	Now
ISD17210	140 secs	210 secs	262 secs	317 secs	420 secs	I17210X	I17210S	I17210P	I17210E	Now
ISD17240	160 secs	240 secs	300 secs	362 secs	480 secs	I17240X	I17240S	I17240P	I17240E	Now

* Availability subject to change without notice. For latest information and information about lead-free packaging, please contact your local sales agent.

Tools

- Writer: ISD-ES17xx_ISB_PB
- Evaluation Board: ISD-ES1700_Ev
- COB: ISD-COB17XXX



More Information from www.winbond-usa.com