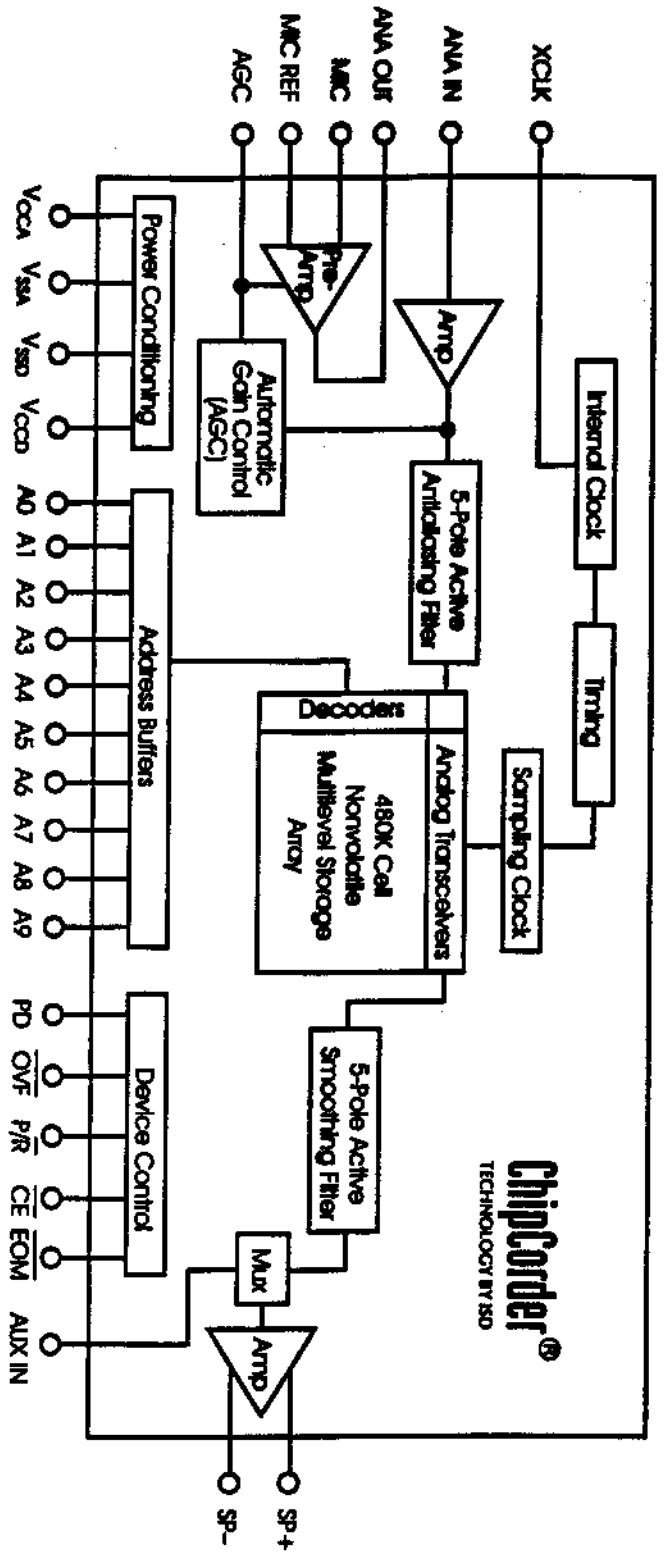




Products > ChipCorder: Product Portfolio

Product Series	Part Number	Duration	Density (k cells)	Input Sample Rate (KHz)	Typical Filter Pass Band (KHz)	DIP	SOIC	TSOP	Bare Die	CSP
ISD1100	ISD1110	10 sec.	64	6.4	2.6	X			X	
	ISD1112	12 sec.	64	5.3	2.2	X			X	
ISD1200	ISD1210	10 sec.	64	6.4	2.6	X	X		X	
	ISD1212	12 sec.	64	5.3	2.2	X	X		X	
ISD1400	ISD1416	16 sec.	128	8.0	3.3	X	X		X	
	ISD1420	20 sec.	128	6.4	2.6	X	X		X	
ISD2500	ISD2532	32 sec.	256	8.0	3.4	X	X	X	X	
	ISD2540	40 sec.	256	6.4	2.7	X	X	X	X	
	ISD2548	48 sec.	256	5.3	2.3	X	X	X	X	
	ISD2564	64 sec.	256	4.0	1.7	X			X	
	ISD2560	60 sec.	480	8.0	3.4	X	X	X	X	
	ISD2575	75 sec.	480	6.4	2.7	X	X	X	X	
	ISD2590	90 sec.	480	5.3	2.3	X	X	X	X	
ISD25120	120 sec.	480	4.0	1.7	X			X		
ISD4002	ISD4002-120	2.0 min	960	8.0	3.4	X	X	X	X	X
		2.5 min	960	6.4	2.7	X	X	X	X	X
	ISD4002-150	3.0 min	960	5.3	2.3	X	X	X	X	X
		4.0 min	960	4.0	1.7	X	X	X	X	X
	ISD4002-180									
	ISD4002-240									
ISD4003	ISD4003-04M	4.0 min	1920	8.0	3.4	X	X	X	X	X
		5.0 min	1920	6.4	2.7	X	X	X	X	X
	ISD4003-05M	6.0 min	1920	5.3	2.3	X	X	X	X	X
		8.0 min	1920	4.0	1.7	X	X	X	X	X
	ISD4003-06M									
	ISD4003-08M									
ISD4004	ISD4004-08M	8.0 min	3840	8.0	3.4	X	X	X	X	
		10.0 min	3840	6.4	2.7	X	X	X	X	
	ISD4004-10M	12.0 min	3840	5.3	2.3	X	X	X	X	
		16.0 min	3840	4.0	1.7	X	X	X	X	
	ISD4004-12M									

Figure: 3D2560/75/90/120 Device Block Diagram



ISD—APRIL 1998

Figure 6: Application Example—Push-Button Mode

