

MOS LSIs

■ BBDs for Audio Signal Delay

Type No.		Application Effects					Stages	Max. Delay Time (ms)	Package	
		Vibrato	Echo	Reverb	Playback Speed Variable Tape Recorder	Ambience			No.	No.
General-use (V _{DD} = -15V)	MN3003	●					64 ※	6.4	14-DIP(a)	L4
	MN3004		●		●		512	25.6	14-DIP(a)	L4
	MN3005		●				4096	204.8	Special 8-DIP	L2
	MN3006	●				●	128	6.4	8-DIP	L1
	MN3007		●				1024	51.2	8-DIP	L1
	MN3008		●				2048	102.4	Special 8-DIP	L2
	MN3009	●				●	256	12.8	8-DIP	L1
	MN3010				●		512 ※	51.2	14-DIP(a)	L4
	MN3011		●	●			3328 (6 tap)	19.8 ~ 166.4	Special 12-DIP	L3
	MN3012					●	3, 5, 190	0.15/0.25/9.5	14-DIP(a)	L4
	MN3101	Clock generator/Driver								8-DIP
Low voltage (V _{DD} = +5V)	MN3204		●		●		512	25.6	8-DIP	L1
	MN3205		●				4096	204.8	Special 8-DIP	L2
	MN3206	●				●	128	6.4	8-DIP	L1
	MN3207		●				1024	51.2	8-DIP	L1
	MN3208		●				2048	102.4	Special 8-DIP	L2
	MN3209	●				●	256	12.8	8-DIP	L1
	MN3210				●		512 ※	51.2	14-DIP(a)	L4
	MN3214		●	●			1024 (5 tap)	51.2	14-DIP(a)	L4
MN3102	Clock generator/Driver								8-DIP	L1
Ultra low voltage (V _{DD} = +3V)	MN3304		●		●		512	25.6	8-DIP	L1
	MN3305		●				4096	204.8	Special 8-DIP	L2
	MN3306	●				●	128	6.4	8-DIP	L1
	MN3307		●				1024	51.2	8-DIP	L1
	MN3308		●				2048	102.4	8-DIP	L1
	MN3309	●				●	256	12.8	8-DIP	L1
	MN3105	Clock generator								8-DIP

※ Because of dual type, stages are doubled in series connection. ● mark in the application effects column is only a guide.

■ Other MOS LSIs

Category	Type No.	Functions	Package	
			No.	No.
Driver	MN6269	16 stages 2 binary divider	8-DIP	L1
	MN6280	1/1, 1/4, 1/5, 1/20 divider	8-DIP	L1
	MN6281	1/1, 1/5, 1/25, divider	8-DIP	L1
	MN6282	1/1, 1/2, 1/2048, 1/131072 divider	SO-8D	L29
	MN6283	1/1, 1/12 or 1/15 (pin switch) 1/120 or 1/150 (pin switch) divider, Crystal oscillator built-in	8-DIP	L1
Filter	MN6514	SCF system low pass filter	8-DIP	L1
	MN6515	SCF system band-pass filter	8-DIP	L1
	MN6516/S	SCF system high-pass, low-pass filter	18-DIP(a)/SO-18D	L10, L34
Melody	MN6225S	Low voltage melody	SO-8D	L29
Others	MN6115	Full-duplex modem LSI for personal computer	40-DIP(a)/40-QFP(a)	L16, L43
	MN6558	6-bit 4 DAC with subbus (R2R system)	16-DIP(b)	L8

(Package Symbol) DIP = Dual-In-Line Plastic Package, QFP = Quad Flat Plastic Package,
SO = Small Outline Package (PANAFLET PACKAGE)