

# ICs/LSIs for Audio

## ■ For Radio-cassette, Cassette Deck

### ● Equalizer Amp.

Type No.	Operating Voltage (V)	Process	Functions	Package	
					No.
AN7316	3.5 to 12	Bipolar	Recording/playback amplifier for radio-cassette	DIP016-P-0300D	B38
AN7317	3.5 to 12		Recording/playback amplifier for radio-cassette (with REC mute)	DIP016-P-0300D	B38
AN7318	5 to 14		Dual ALC pre-amplifier circuit against EMI	SOP016-P-0225A	B64
AN7351K/SC	±4.5 to ±7		Hi-Fi W-cassette deck recording/playback pre-amp lifier	SDIP042-P-0600A SSOP042-P-0450A	B55/B91
AN7345K	4 to 14		Radio-cassette Rec/PB pre-amplifier (for W-deck)	SDIP024-P-0300	B50
△AN7347K	4 to 14		Rec/PB pre-amplifier with built-in Rec/PB head switch (for W deck)	SDIP024-P-0300	B50
AN7352S	±4.5 to ±6.5		REC/PB pre-amplifier with built-in VCA and TPS for W-cassette-deck.	SOP028-P-0375A	B82
AN7353S	±4.5 to ±6.5		Recording amplifier for EQ control	SOP024-P-0375A	B76

△Tentative

### ● Noise Reduction

Type No.	Operating Voltage (V)	Process	Functions	Package	
					No.
AN6291/S	1.8 to 14	Bipolar	dbx NR*1 for cassette deck, radio cassette	DIP022-P-0400A SOP022-P-0375A	B47/B72
AN7354SC	±4.5 to ±6.5		Dolby* B/CNR with built-in Line mute/Level meter drive	SSOP042-P-0450A	B91
AN7355SC	±4.5 to ±6.5		Dolby* B NR with built-in Line mute/Level meter drive	SSOP032-P-0375	B88
AN7367K	±5 to ±7		Dolby* dbx NR	SDIP028-P-0400B	B53
AN7374K/S	9 to 13		Dual Dolby* B/C NR for cassette-deck	SDIP028-P-0400B SOP028-P-0375A	B53/B82
AN7375N/NS	1.8 to 4.5		Dolby* B type NR for low voltage cassette-tape recorder	DIP018-P-0300D SOP018-P-0300A	B41/B68
AN7379NSH	1.0 to 3.6		Dolby* B decoder for 1.5V	SSOP024-P-0300A	B77
AN7389S	1.0 to 3.6		Dolby* B decoder for 1.5V	SOP018-P-0300A	B68

\*1 "dbx" and dbx symbols are trade marks of That corporation. License of That corporation is necessary for the use of the product.

\*2 "Dolby" and double D symbols are trade marks of Dolby Laboratories licensing corporation. License of Dolby Laboratories licensing corporation is necessary for the use of the product.

### ● Low Freq. Pre-Power Amp. (1-Chip)

Type No.	Operating Voltage (V)	Process	Single	Dual	BTL	Conditions		Output Power (mW)				Package	No.
						V <sub>CC</sub> (V)	R <sub>L</sub> (Ω)	<30	>30	>100	>300		
AN7082K	1.8 to 6	Bipolar		●		3	32			●	○	SDIP022-P-0300A	B48
AN7085NS	1.8 to 4.5		●		●	3	8			●	○	SOP020-P-0300B	B69
AN7086S	1.8 to 4.5		●			3	8				●	SOP024-P-0375A	B76
AN7104	4 to 9		●			6	8				●	DIP016-P-0300D	B38
AN7106K	1.8 to 4.5			●		3	4				●	SDIP024-P-0300	B50
AN7108	1.8 to 6			●		3	32		●	○		DIP016-P-0300D	B38
AN7109S	1.8 to 4.5			●		3	32		●			SOP028-P-0375A	B82

● Standard ○ Application available

### ● Others (Tape Index Detection, Reverse Control, etc.)

Type No.	Operating Voltage (V)	Process	Functions	Package	
					No.
AN6230S	1.8 to 6	Bipolar	Low freq. power amplifier for cassette-tape-recorder (450mW)	SOP018-P-0300A	B68
AN6262N	4.5 to 16		Tape index detection circuit for radio-cassette-tape recorder/cassette-deck (Output at no melody = Low)	SIP009-P-0000C	B17
AN6263N	4.5 to 16		Tape index detection circuit for radio-cassette-tape recorder/cassette-deck (Output at no melody = High)	SIP009-P-0000C	B17