

General Purpose Linear ICs

Motor Control Series (continued)

Category	Type No.	Operating Voltage (V)	Peak Current	Functions	Applications	Package	No.
			Regular Current				
Linear driver	AN8377N	5.5 to 16	500mA 300mA	Linear drive of 2 motors/actuators possible, 5V low-drop type regulator built-in, Power supply reset output built-in	CD player motor, Actuator drive	HDIP016-P-0300	B40
	AN8387S	3 to 9	500mA 300mA	Linear drive of 2 motors/actuators possible, Drive gain is variable by external resistor, Output ON/OFF pin attached, 2 power supplies of signal system and power system are available, Output voltage limiting pin attached	CD player motor, Actuator drive	SOP020-P-0300C	B70
	AN8410SA	2.9 to 5.5	0.3A	Small crossover distortion, PNP power built-in, fewer peripheral circuits	HDD voice coil motor	SSOP032-P-0300	B87
	AN8780SB AN8781SB AN8782SB AN8783SB	4.5 to 14	500mA	Built-in 4 channels of BTL driver, Linear drive of 8 Ω motors/actuators possible, Power control function built-in, Thermal shut down circuit (with hysteresis) built-in, AN8783SB has current feed back circuit	CD/CD-ROM DVD/DVD-ROM	HSOP042-P-0400	B81
	AN8813SB AN8816SB AN8817SB AN8818SB	4.5 to 14	500mA	Motor/actuator driver AN8813SB of a power OP. Amp type with a built-in dedicated-circuit for loading motor.	CD/CD-ROM DVD/DVD-ROM	HSOP042-P-0400	B81
	AN8730SB	2.7 to 5.5	500mA	Low-power 4-CH driver incorporating a switching regulator	Portable CD CD-ROM	SSOP028-P-0375A	B85
Stepping driver	AN8253NS	4.4 to 6	300mA	For stepping motor phase excitation (1—2 excitation), With stand-by mode and hold mode, PNP-NPN complementary full bridge	FDD stepping motor drive	SOP018-P-0300A	B68
	AN8254S	4.3 to 6	110mA	For stepping motor phase excitation (1—2 excitation), Selection of ordinary exciting mode and reduced voltage hold mode is possible, PNP-NPN complementary full bridge	FDD stepping motor drive	SOP016-P-0300	B65
	AN8201S AN8208S	4.4 to 6	300mA	For stepping motor phase excitation (1—2 excitation), With stand-by mode function, PNP-NPN complementary full bridge	FDD stepping motor drive	SOP018-P-0300A	B68
	AN8202S	4.3 to 5.5	200mA	For stepping motor 2-phase excitation, With power supply ON/OFF pins, PNP-NPN complementary full bridge	FDD stepping motor drive	SOP018-P-0300A	B68
Fan motor driver	AN8267S	9.6 to 27.6	1.5A 500mA	DC fan-motor drive by 2-phase half wave drive, Motor lock protection, automatic recovery function built-in, Thermal protection circuit built-in	DC fan motor drive	SOP016-P-0300	B65
Electronic governor	AN6659S	1 to 3.6	1A	With built-in stable reference voltage (150mV), linear speed control is possible. Operation by low voltage until 1V, power Tr built-in	Headphone stereo, Micro cassette tape recorder	SOP010-P-0225A	B61
	AN6612 AN6612S	1.8 to 8	—	With built-in stable reference voltage (1.32V), linear speed control is possible. Operation by low voltage until 1V, External power Tr	Headphone stereo, Micro cassette tape recorder	DIP008-P-0300B SOP008-P-0225A	B35 B60
	AN6650 AN6650S AN6654S	1.8 to 7 1.8 to 3.6 1.8 to 3.6	1A	With built-in stable reference voltage (1.28V), linear speed control is possible. Starting torque, control maximum torque are large. Power Tr built-in	Headphone stereo, Micro cassette tape recorder	DIP008-P-0300B SOP008-P-0225A SOP008-P-0225A	B35 B60 B60
	AN6651	3.5 to 14.4	1A	With built-in stable reference voltage (1V), Setting range of rotation is wide. Against the applied reverse voltage, protection circuit is built-in.	Radio cassette tape recorder, Record player	SSIP004-P-0000B	B11
	AN6652	6 to 20	1A	With built-in stable reference voltage (1V), setting range of rotation is wide. Against the applied reverse voltage, protection circuit is built-in	Radio cassette tape recorder, Record player	SSIP004-P-0000B	B11

(Package Symbol) DIP = Dual-In-Line Package, HDIP = Heat-sink Dual-In-Line Plastic Package, HSOP = Heat-sink Small Outline Package, SOP = Small Outline Package (PANAFAT PACKAGE), SSIP = Shrink Single-In-Line Package, SSOP = Shrink Small Outline Package