

General Purpose Linear ICs

■ Voltage Regulator Series

● 3-Pin Low Voltage Drop Positive Output (AN7700/AN7700F/AN77L00/AN77L00M Series)

Output Current	Output Voltage (V)															
	3	3.5	4	4.25	4.5	5	6	7	8	9	10	12	15	18	20	24
1A	AN7703/F	—	AN7704/F	—	—	AN7705/F	AN7706/F	AN7707/F	AN7708/F	AN7709/F	AN7710/F	AN7712/F	AN7715/F	AN7718/N	AN7720/F	AN7724/F
0.1A	AN77L03/M	AN77L03M	AN77L04/M	AN77L0425M	AN77L045M	AN77L05/M	AN77L06/M	AN77L07/M	AN77L08/M	AN77L09/M	AN77L10/M	AN77L12/M	—	—	—	—

AN7700/F Series: $V_{DIF} = 0.5V$, $I_{Bias} = 2.6mA$, $RR = 70dB$ (AN7705)

AN77L00/M Series: $V_{DIF} = 0.22V$, $I_{Bias} = 1.5mA$, $RR = 60dB$ (AN77L03)

Package: AN7700 Series = HSIP003-P-0000 (TO-220) (No.B7), AN7700F Series = HSIP003-P-0000 (TO-220F) (No.B8), AN77L00 Series = TO-92 (No.B4), AN77L00M Series = TO-243 (No.B110)

● 3-Pin Low Voltage Drop Positive Output (AN8000/AN8000M Series)

Output Current	Output Voltage (V)												
	2	2.5	3	3.5	4	4.5	5	6	7	8	8.5	9	10
50mA	AN8002/M	AN8025/M	AN8003/M	AN8035/M	AN8004/M	AN8045/M	AN8005/M	AN8006/M	AN8007/M	AN8008/M	AN8085/M	AN8009/M	AN8010/M

$V_{DIF} = 0.3V$ $I_{Bias} = 0.6mA$ $RR = 60dB$ Package: AN8000 Series = TO-92 (No.B4), AN8000M Series = TO-243 (No.B110)

● 3-Pin Positive Output (AN7800/AN7800F/AN78M00/AN78M00F/AN78N00/AN78L00/AN78L00M Series)

Output Current	Output Voltage (V)											
	4	5	6	7	8	9	10	12	15	18	20	24
1A	—	AN7805/F	AN7806/F	AN7807/F	AN7808/F	AN7809/F	AN7810/F	AN7812/F	AN7815/F	AN7818/F	AN7820/F	AN7824/F
0.5A	—	AN78M05/F	AN78M06/F	AN78M07/F	AN78M08/F	AN78M09/F	AN78M10/F	AN78M12/F	AN78M15/F	AN78M18/F	AN78M20/F	AN78M24/F
0.3A	AN78N04	AN78N05	AN78N06	AN78N07	AN78N08	AN78N09	AN78N10	AN78N12	AN78N15	AN78N18	AN78N20	AN78N24
0.1A	AN78L04/M	AN78L05/M	AN78L06/M	AN78L07/M	AN78L08/M	AN78L09/M	AN78L10/M	AN78L12/M	AN78L15/M	AN78L18/M	AN78L20/M	AN78L24/M

Package: AN7800/AN78M00 Series = HSIP003-P-0000 (TO-220) (No.B7), AN7800F/AN78M00F Series = HSIP003-P-0000 (TO-220F) (No.B8), AN78N00 Series = SSIP003-P-0000C (TO-126) (No.B5), AN78L00 Series = TO-92 (No.B4), AN78L00M Series = TO-243 (No.B110)

● 3-Pin Negative Output (AN7900T/AN7900F/AN79M00/AN79M00F/AN79N00/AN79L00 Series)

Output Current	Output Voltage (V)											
	-4	-5	-6	-7	-8	-9	-10	-12	-15	-18	-20	-24
1A	—	AN7905T/F	AN7906T/F	AN7907T/F	AN7908T/F	AN7909T/F	AN7910T/F	AN7912T/F	AN7915T/F	AN7918T/F	AN7920T/F	AN7924T/F
0.5A	—	AN79M05/F	AN79M06/F	AN79M07/F	AN79M08/F	AN79M09/F	AN79M10/F	AN79M12/F	AN79M15/F	AN79M18/F	AN79M20/F	AN79M24/F
0.3A	AN79N04	AN79N05	AN79N06	AN79N07	AN79N08	AN79N09	AN79N10	AN79N12	AN79N15	AN79N18	AN79N20	AN79N24
0.1A	AN79L04	AN79L05/M	AN79L06	AN79L07	AN79L08/M	AN79L09/M	AN79L10	AN79L12/M	AN79L15/M	AN79L18	AN79L20	AN79L24

Note) 5.2V type is available for 0.5A type only: AN79M52/AN79M52F

Package: AN7900T/AN79M00 Series = HSIP003-P-0000 (TO-220) (No.B7), AN7900F/AN79M00F Series = HSIP003-P-0000 (TO-220F) (No.B8), AN79N00 Series = SSIP003-P-0000C (TO-126) (No.B5), AN79L00 Series = TO-92 (No.B4), AN79L00M Series = TO-243 (No.B110)

● 4-Pin with Reset Pin (AN7800R/AN78M00R Series)

Output Current (A)	Output Voltage (V)				Package	No.
	5	8	9	12		
1	AN7805R	—	AN7809R	AN7812R	HSIP004-P-0000	B10
0.5	AN78M05R	AN78M08R	AN78M09R	AN78M12R	HSIP004-P-0000	B10

(Package Symbol) SIP = Single-In-Line Plastic Package, (F) = with Fin, (TO-220F) = TO-220 Type with Full Pack Package, TO-243 = Mini Power Package Type