

GTM ELECTRONICS

DIP-8Pin/SOP-8Pin Low Power Dual Operational Amplifiers

Part No.	Supply Voltage Vs	Input Voltage Vin	Input Offset Voltage Vio	Input Offset Current Iio	Output Voltage Swing VoH	PD mW	Output Voltage Swing VoL	Package
	V	V	mV	nA	V		mV	
GP4558	±22	±15	6	200	±14	600	-	DIP-8Pin
GSC4558	±22	±15	6	200	±14	400	-	SOP-8Pin
GPLM358	32	-0.3 ~ 32	7	50	28	800	20	DIP-8Pin
GSCLM358	32	-0.3 ~ 32	7	50	28	500	20	SOP-8Pin

DIP-8Pin/SOP-8Pin Dual Operational Amplifier and Voltage Reference

Part No.	Supply Voltage Vs	Input Voltage Vin	Input Offset Voltage Vio	Input Offset Current Iio	Output Voltage Swing VoH	Voltage Reference V	Output Voltage Swing VoL	Package
	V	V	mV	nA	V		mV	
GP103	36	-0.3 ~ 36	3	50	28	2.482 ~ 2.518	20	DIP-8Pin
GSC103	36	-0.3 ~ 36	3	50	28	2.482 ~ 2.518	20	SOP-8Pin
GP103A	36	-0.3 ~ 36	3	50	28	2.490 ~ 2.510	20	DIP-8Pin
GSC103A	36	-0.3 ~ 36	3	50	28	2.490 ~ 2.510	20	SOP-8Pin

DIP-8Pin/SOP-8Pin/TSSOP-8Pin/MSOP-8Pin EEPROM

Part No.	Density	VDD	Write Cycle Time @1.8V, 5.0V	Temperature Range	Package (Pin Type)
	Bites	V	ms	°C	
GP24BC01I	128*8	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP24BC02I	256*8	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP24BC04I	512*8	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP24BC08I	1024*8	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP24BC16I	2048*8	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GSC24BC01I	128*8	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin
GSC24BC02I	256*8	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin
GSC24BC04I	512*8	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin
GSC24BC08I	1024*8	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin
GSC24BC16I	2048*8	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin
GTC24BC01I	128*8	1.8 ~ 5.5	5	-40 ~ 85	TSSOP-8Pin
GTC24BC02I	256*8	1.8 ~ 5.5	5	-40 ~ 85	TSSOP-8Pin
GTC24BC04I	512*8	1.8 ~ 5.5	5	-40 ~ 85	TSSOP-8Pin
GTC24BC08I	1024*8	1.8 ~ 5.5	5	-40 ~ 85	TSSOP-8Pin
GTC24BC16I	2048*8	1.8 ~ 5.5	5	-40 ~ 85	TSSOP-8Pin
GMS24BC01I	128*8	1.8 ~ 5.5	5	-40 ~ 85	MSOP-8Pin
GMS24BC02I	256*8	1.8 ~ 5.5	5	-40 ~ 85	MSOP-8Pin
GMS24BC04I	512*8	1.8 ~ 5.5	5	-40 ~ 85	MSOP-8Pin
GMS24BC08I	1024*8	1.8 ~ 5.5	5	-40 ~ 85	MSOP-8Pin
GMS24BC16I	2048*8	1.8 ~ 5.5	5	-40 ~ 85	MSOP-8Pin
GP93BC46I	128*8 or 64*16	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP93BC56I	256*8 or 128*16	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GP93BC66I	512*8 or 256*16	1.8 ~ 5.5	5	-40 ~ 85	DIP-8Pin
GSC93BC46AI	128*8 or 64*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(A)
GSC93BC56AI	256*8 or 128*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(A)
GSC93BC66AI	512*8 or 256*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(A)
GSC93BC46BI	128*8 or 64*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(B)
GSC93BC56BI	256*8 or 128*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(B)
GSC93BC66BI	512*8 or 256*16	1.8 ~ 5.5	5	-40 ~ 85	SOP-8Pin(B)

量産	未量産	有様品	工程實驗未産出
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DIP-8Pin/SOP-8Pin Low Voltage Audio Power Amplifiers

Part No.	Operating Voltage MAX	Operating Supply Voltage Vs	Input Bias Current IIB(typ)	Input Resistance (typ)	Total Harmonic Distortion THD(typ)	Bandwidth BW(typ)	Power Supply Rejection Ratio PSRR(typ)	Package
	V	V	nA	K Ω	%	KHz	V	
GP34119	18	2~16	-100	90	0.5	1500	52	DIP-8Pin
GSC34119	18	2~16	-100	90	0.5	1500	52	SOP-8Pin
GPLM386	15	4~12	250	50	0.2	300	50	DIP-8Pin
GSCLM386	15	4~12	250	50	0.2	300	50	SOP-8Pin

DIP-8Pin/SOP-8Pin Dual Differential Comparator

Part No.	Supply Voltage Vs	I/P Bias Current	I/P Offset Voltage	I/P Offset Current	Response Time Typ	Function Description	Package
	V	nA	mV	nA	nS		
GPLM393	± 18	250	± 5	± 50	1400	Low Power, Low Offset	DIP-8Pin
GSCLM393	± 18	250	± 5	± 50	1400	Low Power, Low Offset	SOP-8Pin

DIP-8Pin/SOP-8Pin Current Mode PWM Control IC

Part No.	Output Voltage	Line Regulation	O/P Noise Voltage Typ	Supply Voltage	O/P Current	Analog Input	Start-Up Current	Start Threshold	Package
	V	mV	μ V	V	A	V	mA	V	
GP3842	4.9~5.1	2~20	50	30	± 1	-0.3~Vcc	0.1~0.5	14.5~17.5	DIP-8Pin
GSC3842	4.9~5.1	2~20	50	30	± 1	-0.3~Vcc	0.1~0.5	14.5~17.5	SOP-8Pin
GP3843	4.9~5.1	2~20	50	30	± 1	-0.3~Vcc	0.1~0.5	7.8~9	DIP-8Pin
GSC3843	4.9~5.1	2~20	50	30	± 1	-0.3~Vcc	0.1~0.5	7.8~9	SOP-8Pin

DIP-8Pin/SOP-8Pin DC to DC Converters

Part No.	Supply Voltage	Comparator Input Voltage	Switch Collect / Emitter Voltage	Threshold Voltage	Oscillator Frequency	PD	Switch Current	Package
	V	V	V	V	Hz			
GP34063	40	-0.3 ~ 40	40	1.225 ~ 1.275	100 ~ 100K	1.25	1.5	DIP-8Pin
GSC34063	40	-0.3 ~ 40	40	1.225 ~ 1.275	100 ~ 100K	0.625	1.5	SOP-8Pin

DIP-8Pin/SOP-8Pin Timer

Part No.	Supply Voltage	Output Current	Supply Current @Vcc=5V Typ	Supply Current @Vcc=15V Typ	Reset Voltage Typ	Reset Current Typ	Discharge Leakage Current	Package
	V	mA	mA	mA	V	mA	nA	
GPNE555	16	200	3	10	0.7	0.1	100	DIP-8Pin
GSCNE555	16	200	3	10	0.7	0.1	100	SOP-8Pin

量産	未量産	有様品	工程實驗未産出
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Package	
DIP-8Pin	
SOP-8Pin	Offset, Voltage