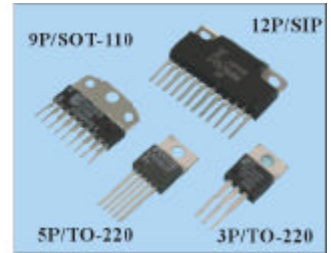
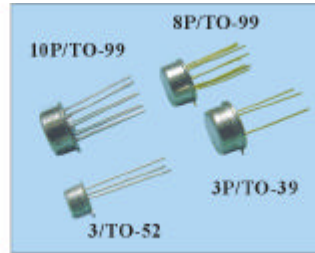


# SIGNAL CONVERSIONIC



## A/D轉換IC

### 8-Bit 線性轉數位轉換IC 8-Bit A/D Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Parallel	Conv. Time/Rate	Diff. Non-Linearity	Pins/Package
17889	AD9012AJ	ADI	High Speed 8-Bit T TLA/D Converter	P	100ns	0.75LSB	28P/JLCC
5008	ADC0804LCN	HARRIS	8-Bit $\mu$ P Compatible A/D Converter	P	100uS	$\pm$ 0.75LSB	20P/DIP
23784	ADC0804LCN	Intersil	8-Bit $\mu$ P Compatible A/D Converter	P	100uS	$\pm$ 0.75LSB	20P/DIP
22449	ADC0804LCN	N.S	8-Bit $\mu$ P Compatible A/D Converter	P	100uS	$\pm$ 0.75LSB	20P/DIP
27074	ADC0804LCWM		8-Bit $\mu$ P Compatible A/D Converter		100uS		SOIC/20P
8225	ADC0808CCN	N.S	8-bit Microprocessor Compatible A/D Converters With 8-Channel Multiplexer	P	100uS	$\pm$ 0.75LSB total	28P/DIP
8226	ADC0809CCN	N.S	8-bit A/D 8-channel Multiplexer	P	100uS	$\pm$ 1LSB total	28P/DIP
12272	ADC0820CCN	N.S	8-bit High Speed $\mu$ Compatible A/D with Track/Hold Function	P	1.5us	$\pm$ 1LSB	20P/DIP
8227	ADC0831CCN	N.S	8-Bit Serial I/O A/D Converter with Multiplexer Options	S	32uS	$\pm$ 0.5LSB	8P/DIP
4935	ADC0832CCN	N.S	8-Bit Serial I/O A/D Converter with Multiplexer Options	S	32uS	$\pm$ 0.5LSB	8P/DIP
16258	ADC0834CCN	N.S	8-Bit Serial I/O A/D Converter with Multiplexer Options	S	32uS	$\pm$ 0.5LSB	14P/DIP
3911	ADC0838CCN	N.S	8-bit serial I/O A/D converter with Multiplexer Options	S	32uS	$\pm$ 0.5LSB	20P/DIP
16430	TLC549CP	T.I.	8-Bit A/D Converters	S	17 $\mu$ s	$\pm$ 0.5LSB	8P/DIP

### 10-Bit 線性轉數位轉換IC 10-Bit A/D Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Parallel	Conv. Time/Rate	Diff. Non-Linearity	Pins/Package
17295	AD2S83AP	ADI	Resolver-to-Digital Converter		390ns	1LSB	PLCC-44P
23698	ADC1034CIWM	N.S	10-Bit Serial I/O A/D Converters with Analog Multiplexer	S	13.7us	$\pm$ 1LSB	16P/SOIC
16426	TLC1543CN	T.I.	10-Bit Analogue to Digital Converters with Serial Control and 11 Analog Inputs	S	100ns	$\pm$ 1LSB	DIP/20P
16428	TLC1549CP	T.I.	10-Bit Analogue to Digital Conversion	S	100ns	$\pm$ 1LSB	8P/DIP

### 12-Bit 線性轉數位轉換IC 12-Bit A/D Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Parallel	Conv. Time/Rate	Diff. Non-Linearity	Pins/Package
15892	AD1362KD	ADI	12-Bit Data Acquisition System package: DH-32E		10 $\mu$ s	12-bit	32P/DIP
5165	AD1674JN	ADI	12-bit A to D Converter (A/D CONVERTERS)	P	10 $\mu$ s	12-bits	28P/DIP
28036	AD5340BRU	ADI	2.5V-5.5V, 115Ma, Parallel Interface Single Voltage-Output 12-Bit DACs	P	115 $\mu$ s	12-bits	24P/TSSOP
16527	AD574AJD	ADI	12-bit SAR ADC Complete 12-Bit A/D Converter 0	P	35 $\mu$ s	11-bits	28P/DIP
3205	AD574AJN	ADI	12-bit SAR ADC (ADC 1*12B 35US 1LSB)	P	35 $\mu$ s	11-bits	28P/DIP
28226	LTC1290DCSW	L.T	12-bit A to D Converter		13 uS		20P/SOWIDE Serial
19680	MAX185BCWG	MAXIM	High-Speed 12-Bit A/D Converter With External Reference Input				24P/SOIC

### 16-Bit 線性轉數位轉換IC 16-Bit A/D Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Parallel	Conv. Time/Rate	Diff. Non-Linearity	Pins/Package
22813	AD7705BN	ADI	16-Bit, Sigma-Delta ADCs	S		16-bits	16P/DIP
22272	AD7705BR	ADI	3 $\sqrt{5}$ V, 1 Mw 2/3 Channel 16Bit, SigmaDelta ADCs			0.003%	16P-SOIC
23223	AD7706BN	ADI	16-Bit, Sigma-Delta ADCs	S		16-bits	16P/DIP
14366	AD976AN	ADI	16-Bit A TO D Converters	P	5 $\mu$ s	16-Bit	DIP/28P

### 18-Bit 線性轉數位轉換IC 18-Bit A/D Converters

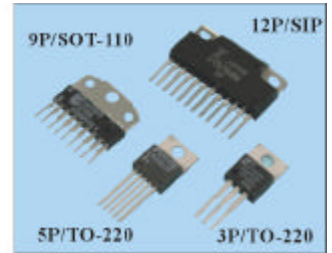
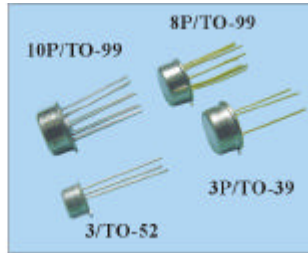
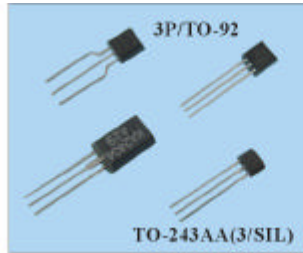
詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Parallel	Conv. Time/Rate	Pins/Package
28230	MAX132EWG	MAXIM	$\pm$ 18-Bit ADC with Serial Interface	Serial	63ms	24P/Wide SO

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)



# SIGNAL CONVERSIONIC



## D/A轉換IC

### 8-Bit 數位轉線性轉換IC

### 8-Bit D/A Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Paralle	SettingTime	Diff.Non-Linearity	Inte.Non-Linearity	Sup.Volt.Range	Pin/Package
16408	AD558JN	ADI	DACPORT Low Cost, Complete Mp-Compatible 8-Bit DAC	P	3 $\mu$ s	11-bits	8-bit DAC	5~15V	16P/DIP
5874	AD7226KN	ADI	Quad 8-bit DAC with o/p Amplifiers	P	7 $\mu$ s	$\pm 1$ LSB	$\pm 2$ LSB	11.4~16.5V	20P/DIP
24094	AD7524JN	ADI	8-Bit Buffered Multiplying DAC						16P/DIP
8228	AD7528JN	ADI	8-bit D/A (8-Bit Buffered Multiplying DAC)	P	400ns	$\pm 1$ LSB	$\pm 1$ LSB	5~15V	20P/DIP
16440	AD7528KN	ADI	8-bit D/A	S	350ns	$\pm 1/2$ LSB	$\pm 1/2$ LSB	5~15V	20P/DIP
17732	AD7628KN	ADI	D to A Converters 8 Bit	P	34 $\mu$ s	$\pm 1$ LSB	$\pm 2$ LSB	10.8-15.75V	20P/DIP
17890	AD9768JD	ADI	Ultrahigh Speed IC D/A Converter		5ns	0.2	0.2	$\pm 0.5$ V	18P/DIP
23264	DAC0800LCM	N.S	8-Bit Digital-to-Analog Converter		100ns		+/-10ppm	4.5~18V	16P/SOP
5385	DAC0800LCN	N.S	8-Bit Digital-to-Analog Converters	P	100ns	0.19% FS	0.19% FS	$\pm 5$ V~ $\pm 5$ V	16P/DIP
4336	DAC0808LCN	N.S	8-Bit D/A Converter	P	150ns	0.19%	$\pm 0.5$ LSB	$\pm 5$ V~ $\pm 5$ V	16P/DIP
4941	DAC0832LCN	N.S	8-Bit UpD/A Conv. Dbl. B Buff.	P	1 $\mu$ s	0.4%FSR	0.2%FSR	5~15V	20P/DIP
4927	DAC08EP	ADI	8-Bit, High Speed, Multiplying D/A Converter	P	85ns	$\pm 0.19$ %	FS	$\pm 4.5$ V~ $\pm 18$ V	16P/DIP
23315	TLC0820ACDW	T.I.	8-bit analog-to-digital Converters with Serial Control	S	50ns	$\pm 1/16$ LSB	$\pm 1$ LSB	5V	20P/PLASTIC
18429	TLC0832CP	T.I.	8-bit analog-to-digital Converters with Serial Control	S	350ns	$\pm 1/16$ LSB	$\pm 1$ LSB	4.5~5.5V	8P/DIP
18430	TLC0834CN	T.I.	8-bit analog-to-digital Converters with Serial Control	S	350ns	$\pm 1/16$ LSB	$\pm 1$ LSB	4.5~5.5V	14P/DIP
18431	TLC0838CN	T.I.	8-bit analog-to-digital Converters with Serial Control	S	350ns	$\pm 1/16$ LSB	$\pm 1$ LSB	4.5~5.5V	20P/DIP
13165	TLC5628CN	T.I.	Oct 8-bit D/A Conv.	S	10ns	$\pm 0.9$ LSB	$\pm 1$ LSB	7V	16P/DIP
13167	TLV5621EN	T.I.	Low Power 8 Bit Quad DAC	S	10 $\mu$ s	$\pm 0.1$ LSB	$\pm 1$ LSB	2.7~5.5V	14P/DIP

## 10-Bit 數位轉線性轉換IC

### 10-Bit D/A Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Paralle	SettingTime	Diff.Non-Linearity	Inte.Non-Linearity	Sup.Volt.Range	Pin/Package
17623	DAC210GX	ADI	D to A, RGB/YUV output, 10 bit, full 601 filtering						DIP/18P
13166	TLC5615CP	T.I.	10 Bit 12.5 $\mu$ S 5V Single Serial DAC	3-Wire S	12.5 $\mu$ S	$\pm 0.1$ LSB	$\pm 1$ LSB	5V	8P/DIP

## 12-Bit 數位轉線性轉換IC

### 12-Bit D/A Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Paralle	SettingTime	Diff.Non-Linearity	Inte.Non-Linearity	Sup.Volt.Range	Pin/Package
16191	AD667JN	ADI	Microprocessor-Compatible 12-Bit D/A Converter	P	3 $\mu$ s	$\pm 1/2$ LSB	$\pm 0.1$ %FSR	$\pm 12$ V	28P/DIP
11496	AD7237JN	ADI	Dual 12-bit DACPORTS	P	8 $\mu$ s	$\pm 1$ LSB		12~15V	24P/DIP
27002	AD7237KN	ADI	D to A Converters 12 Bit	P	15 $\mu$ s	$\pm 1/2$ LSB	$\pm 3$ LSB	10.8-16.5V	24P/Plastic/DIP
17731	AD7537JN	ADI	D to A Converters 12 Bit	P	15 $\mu$ s	$\pm 1$ LSB	$\pm 6$ LSB	10.8-16.5V	24P/DIP
14365	AD7541AJN	ADI	12-Bit CMOS Multiplying DAC	P	1 $\mu$ s	$\pm 1$ LSB	$\pm 6$ LSB	5-16V	18P/DIP
4863	AD7541AKN	ADI	12-bit CMOS multiplying DAC	P	0.6 $\mu$ s	$\pm 1/2$ LSB	$\pm 1$ LSB	5~16V	18P/DIP
18682	AD7542JN	ADI	COMS $\mu$ p-Compatible 12-Bit DAC	P	2 $\mu$ s	$\pm 1$ LSB	$\pm 3$ LSB	5V	16P/DIP
23803	AD7548JR	ADI	8-Bit mP Compatible 12-Bit DAC		1.5ms	$\pm 1$ LSB			20P/SOIC
15564	AD7548KN	ADI	8-Bit mP Compatible 12-Bit DAC	P	1.5ms	$\pm 1/2$ LSB		5V	20P/DIP
27869	MAX527DCNG	MAXIM	D to A Converters 12 Bit		3 $\mu$ s				24P/DIP

## 18-Bit 數位轉線性轉換IC

### 18-Bit D/A Converters

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Serial/Paralle	SettingTime	Diff.Non-Linearity	Sup.Volt.Range	Pin/Package
14367	AD1861N	ADI	18-bit resolution provides 108 Db dynamic Range.	S	1.5 $\mu$ s	$\pm 0.001$ % of FSR	$\pm 5$ V	DIP-16P

## 訊號驅動LED, LCD

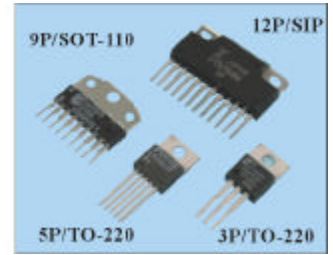
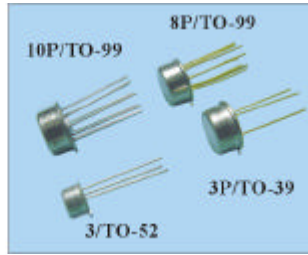
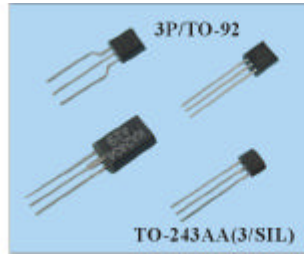
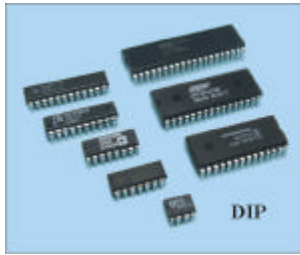
### 訊號轉換後直接驅動LED, LCD顯示幕

### DPM

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)



# SIGNAL CONVERSIONIC



PartNo.	ProductNo.	Manuf.	Description	SupplyRange	Pins/Package
19314	ADC0832LCN	N.S	8-Bit Serial I/O A/D Converters with Multiplexer Option		8P/DIP
15570	HP2211	HP	Very High CMR, Wide VCC Logic Gate Optocouplers	4.5~20V	8P/DIP
3919	ICL7107CPL	HARRIS	A/D converter 3.5 digit dvm IC LED	0-15V	40/DIP
1295	ICL7135CPI	HARRIS	A/D converter, 4 digit, dual slope (Harris- 4 1/2 Dig. D to A Conv)	4-6V	28/DIP

## 電壓頻率互轉類IC

## 電壓轉頻率和頻率轉電壓IC

## Voltage to Frequency and Frequency to Voltage

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Vcc	Icc(mA)	Temp.Range	Pins/Package
7511	LM2907N	N.S	Frequency to voltage Converter	28V	25mA	-40~85°C	14P/DIP
27006	LM2907N-8	N.S	Frequency to voltage Converter	28V	25mA	-40~85°C	14P/DIP
7513	LM2917N	N.S	Frequency to voltage Converter	28V	25mA	-40~85°C	14P/DIP
6843	LM2917N-8	N.S	Frequency to voltage converter	28V	25mA	-40~85°C	8P/DIP
6606	LM331N	N.S	Precis. Volt to freq. Converter (150ppm/ )	40V	8mA	0~70°C	8P/DIP
14746	MM74C914N	Fairchild	Hex Schmitt Trigger with Extended Input Voltage	3V~15V	300mA(max.)	-40~85°C	14P/DIP
17193	TC9400CPD	MICRO-CHIP	Voltage-to-Frequency/Frequency-to-Voltage	8V~15V	6mA	0~70°C	14P/DIP

## 遙控 (解碼編碼) 類IC

## 遙控 (解碼編碼) 類IC

## Remote (Incode/Decode) Control IC

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Vcc	OperatingTemp.	StorageTemp.	Pins/Package
6869	MC145026P	MOT.	CMOS Remote control Encoder	2.5V-18V	-40~85°C	-65~150°C	16-DIP
6870	MC145027P	MOT.	CMOS Remote control decoder	4.5-18V	-40~85°C	-65~150°C	16-DIP
6871	MC145028P	MOT.	CMOS Remote control decoder	4.5V-18V	-40~85°C	-65~150°C	16-DIP
23369	MC3373P	MOT.	遙控器電路IC				
27780	PT-2308	PTC	Headphone Driver	8V	-45~85	-65~150	8P/DIP
22072	PT2262	PTC	Remote control Encoder	4-15V	-20~70	-40~125	18P-DIP
19462	PT2262-IRS	PTC	Remote control Encoder	4-15V	-20~70	-40~125	20P-SO
19593	PT2262-S18	PTC	Remote control Encoder	4-15V	-20~70	-40~125	18P-SO
21911	PT2272-L4	PTC	Remote control Encoder	4-15V	-20~70	-40~125	18P-DIP
21912	PT2272-M4	PTC	Remote control Encoder	4-15V	-20~70	-40~125	18P-DIP
19463	PT2272A-L2S	PTC	Remote Control Decoder	4-15V			20P-SO
11395	TDA7284	ST(SGS)	Record/Playback Circuit With ALC	3V-12V	-20~70°C	-40~150°C	14-DIP
17365	TT6061A		OFF-MIN-MOOD-MID-MAX-OFF	6.8V	0~80	-20~120	DIP-8P

## 音樂晶體IC

## 音樂晶體

## Music IC

詳細產品規格--請點擊[www.100y.com.tw](http://www.100y.com.tw)

PartNo.	ProductNo.	Manuf.	Description	Vcc	SONGNAME	StorageTemp.	Pins/Package
10248	UM66T05L	UTC	Home Sweet Home 音樂晶體 (LINEAR INTEGRATED CIRCUIT)	1.5~4.5V	Homesweet home	-55~125°C	3P/TO-92
10249	UM66T19L	UTC	For Elise 音樂晶體 (LINEAR INTEGRATED CIRCUIT)	1.5~4.5V	For Alice	-55~125°C	3P/TO-92

