

# New Products

## Other Type New Products

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part Identification Marking



Pin #	Function	Description
1	RF IN	RF input pin. The use of an external bypassing capacitor chosen for the frequency of operation.
2,4	GND	Connection to ground. For optimum RF performance, use via holes as close to ground leads as possible to reduce lead inductance.
3	RF OUT/BIAS	RF output and bias pin. DC voltage is present on this pin, therefore a DC blocking capacitor is necessary for proper operation.

### Product Features

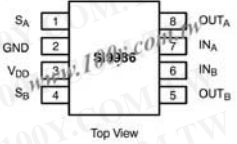
- Now available in Lead Free, RoHS Compliant, & Green Packaging
- High Gain : 17.5 dB at 1950 Mhz
- Cascadable 50 Ohm
- Operates From Single Supply
- Low Thermal Resistance Package

### Applications

- PA Driver Amplifier
- Cellular, PCS, GSM, UMTS
- IF Amplifier
- Wireless Data, Satellite

Part No.	Product No.	Description
39903	SGA-6489	DC-3300 MHz Silicon Germanium HBT Cascadable Gain Block

SO-8



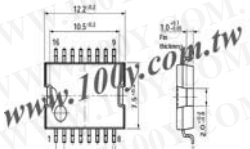
### FEATURES

- 1.0-A H-Bridge
- 200-kHz Switching Rate
- Shoot-Through Limited
- TTL Compatible Inputs
- 3.8- to 13.2-V Operating Range
- Surface Mount Packaging

### APPLICATIONS

- VCM Driver
- Brushed Motor Driver
- Stepper Motor Driver
- Power Converter
- Optical Disk Drives
- Power Supplies
- High Performance Servo

Part No.	Product No.	Manufacturer	Description
40401	SI9986DY-T1	VISHAY	Buffered H-Bridge



Part No.	Product No.	Manufacturer	Description
44977	SPF5002	SanKen	Low-side Switch ICs [Surface-mount 4-circuits]
44992	SPF5002A	SanKen	Low-side Switch ICs [Surface-mount 4-circuits]

### Features

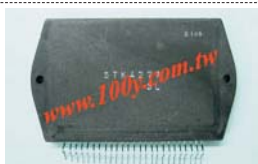
- Natural Speech
- Stand Alone Operation with Inexpensive Support Components
- Wide Operating Voltage
- Word, Phrase, or Sentence Library, ROM Expandable
- Expandable to 491 K of ROM Directly
- Simple Interface to Most Microcomputers or Microprocessors
- Supports L.P.C. Synthesis: Formant Synthesis: Allophone Synthesis

Part No.	Product No.	Description	Other #2	Other #3
22837	SPO256	NARRATOR SPEECH PROCESSOR	28P/DIP	7V/90mA



Symbol	Specification			Unit	Conditions
	Min	Typ	Max		
ICBO			10	μA	V <sub>CB</sub> =30V
IEBO			10	μA	V <sub>CB</sub> =6V
V <sub>CEO</sub>	30		40		I <sub>c</sub> =25mA
h <sub>FE</sub>	500				V <sub>CE</sub> =4V, I <sub>c</sub> =0.5A
V <sub>CE(sat)</sub>			0.5	V	I <sub>c</sub> =1A, I <sub>B</sub> =5mA

Part No.	Product No.	Description
40352	STA413A	NPN With built-in avalanche diode



Part No.	Product No.
38837	STK4277SL



Part No.	Product No.	Manufacturer	Description
27518	STR-22151	SanKen	12P/SIP



Taiwan: 886-3-5753170  
Shanghai: 021-54151736 Shenzhen: 0755-83298787

**Centenary Materials**  
Waiting for your phone call



T E L : Taiwan: 886-3-5753170  
F A X : Taiwan: 886-3-5753172  
E-mail: Taiwan: [us\\_sale@100y.com.tw](mailto:us_sale@100y.com.tw)

Shenzhen: 86-755-83298787  
Shenzhen: 86-755-83640655  
Shenzhen: [100y@163.com](mailto:100y@163.com)

Shanghai: 86-21-54151736  
Shanghai: 86-21-64605107  
Shanghai: [100y-1@163.com](mailto:100y-1@163.com)