

CHIP SET MODULE

Fast and Easy Integration Module

Specifications

CSM05

CSM24

Print method	Thermal dot line printer	Thermal dot line printer
Number of dots	832 max	832 max
Paper detection	Opto sensor	Opto sensor
Printing speed (mm/s)	Up to 90	Up to 120
Voltage range	4V to 9.5V	18V to 27V
Operating temperature (°C)	-20 to +50 °C	-20 to +60 °C
Temperature detection	Thermistor and mechanism control	Thermistor and mechanism control
Current consumption	From 1.5A to 5A at 5V (peak for 3ms)	From 1A to 7A (typically 3.5 A)
Character set	3 resident + downloadable	3 resident + downloadable
Character size	8x16, 7x16, 12x20	8x16, 7x16, 12x20
Character per line (max)	48, 24, 12/54, 27, 13/32, 16, 8	48, 21x2 height, 10x4 width
Interfaces (Default)	RS232TTL, Parallel (8051 type), I ² C	RS232 TTL, Parallel, 12C
Interfaces (Optional)	USB 2.0, RS232C, Centronic	RS232C, USB 2.0, Centronic
Graphics	Variable width and offset/double width and height	Variable width and offset
Barcodes	11: normal and rotated 90°; PDF417 2D	11: Normal and rotated; PDF417 2D
Drivers	Windows, Linux	Windows, Linux
Label/Black mark detection	Y	Y
Functional keyboard	Optional	Y paper feed, ON/OFF line, status led
Packaging	Tape and reels	Tape and reels



Features

- Drives any APS 5V mechanisms
- Easy hardware configuration
- Wide power supply range (4V to 9.5V)
- Printing speed up to 90 mm/s (depending on the printer mechanism)
- 3 default communication ports
 - RS232 TTL
 - General purpose parallel interface (8051bus type)
 - I2C Interface

Applications

- Portable Printers and terminals
- Cash registers
- EFTs
- Measuring instruments and analysers
- Medical Equipments