



# ZCM256M ZCM512C ZCM1024C

### Introduction:

Serial i2c bus EEPROM smartcard.  
Manufacturer : Microchip  
Blank smartcard without programs to makes prototype.  
Serial programming only.  
Read / Write mode : see datasheet of 24LCxxx.

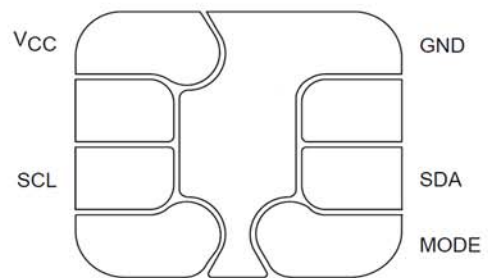
References	ZCM256M	ZCM512C	ZCM1024C
EEPROM	24LC256	24C512	24C1024
Memory size	256 Kbits	512 Kbits	1024 Kbits
Number of bytes	32768 x 8 bits	65536 x 8 bits	131072 x 8 bits

### Features:

Power supply : 2,7V to 5,5V.  
Absolute maximum power : -0,3V to +6,5V.  
Maximum frequency : 400 KHz.  
Acces : i2C standard, serial interface with 2 wires.  
Programmation : byte by byte or page write (by 32 bytes).  
Erase / Write cycles : ~1.000.000 time minimum.  
Data retention : 200 years minimum.  
Température : -40°C to +85°C.  
Dimensions : 85 x 53 x 1 mm.  
Weight : 10g.

### Contact connections:

VCC : power  
GND : ground  
SCL : serial clock (input)  
SDA : serial data (input/output)  
MODE : Write protect (Tied to GND)  
A1/A2/A3 are tied to GND).



### Contenu:

Smartcard under plastic bag.