查询AT45DCB002D供应商

Features

- MultiMediaCard (MMC) Form Factor
- Single 2.7V to 3.6V Supply
- 66 MHz Max Clock Frequency
- Serial Peripheral Interface (SPI) Compatible
- Low Power Dissipation
 - 10 mA Active Read Current Typical
 - 25 µA CMOS Standby Current Typical
- Industrial Temperature Range
- Pb-free/RoHS-compliant Package

1. Description

The AT45DCB008D, AT45DCB004D and AT45DCB002D are 2.7-volt only SPI compatible serial interface DataFlash® Cards. They are offered in 8-megabyte (64-Mbit), 4-megabyte (32-Mbit) and 2-megabyte (16-Mbit), densities. These 7-pin cards are form factor compatible to the MultiMediaCard standard leveraging on a wide range of low cost connectors that are commercially available. Additionally, the DataFlash Card is pinout compatible to the SPI version of the MMC card.

The small form factor and simple interface make the DataFlash Card ideal for a wide variety of data- and program code-storage applications where a removable storage medium is required. Applications range from voice/audio, text or image storage to software applications, system upgrades and software patches.

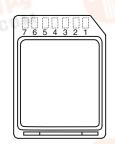
For detailed device specifications, please refer to the corresponding DataFlash datasheets:

- AT45DCB008D reference AT45DB642D
- AT45DCB004D reference AT45DB321D
- AT45DCB002D reference AT45DB161D

Table 1-1. Pin Configuration

Pin #	Pin Name	Function	
1	CS	Chip Select	
2	SI	Serial Input	
3	GND	Ground	
4	VCC	Supply	
5	SCK	Serial Clock	
6	NC	No Connect	
7	SO	Serial Output	

Figure 1-1. DataFlash Card - Top View





8-megabyte,
4-megabyte, and
2-megabyte
2.7-volt Only
DataFlash®
Cards

AT45DCB008D AT45DCB004D AT45DCB002D

Not
Recommended
for New Design









查询AT45DCB002D供应商 Ordering Information

f _{SCK}	I _{CC} (mA)				" 一手协网
(MHz)	Active	Standby	Ordering Code	Package	Operation Range
66	15	0.05	AT45DCB008D AT45DCB004D AT45DCB002D	7DF1 ⁽¹⁾	Industrial (-40° C to 85° C)

1. The 7DF1 is a Pb-free/RoHS-compliant package. Note:

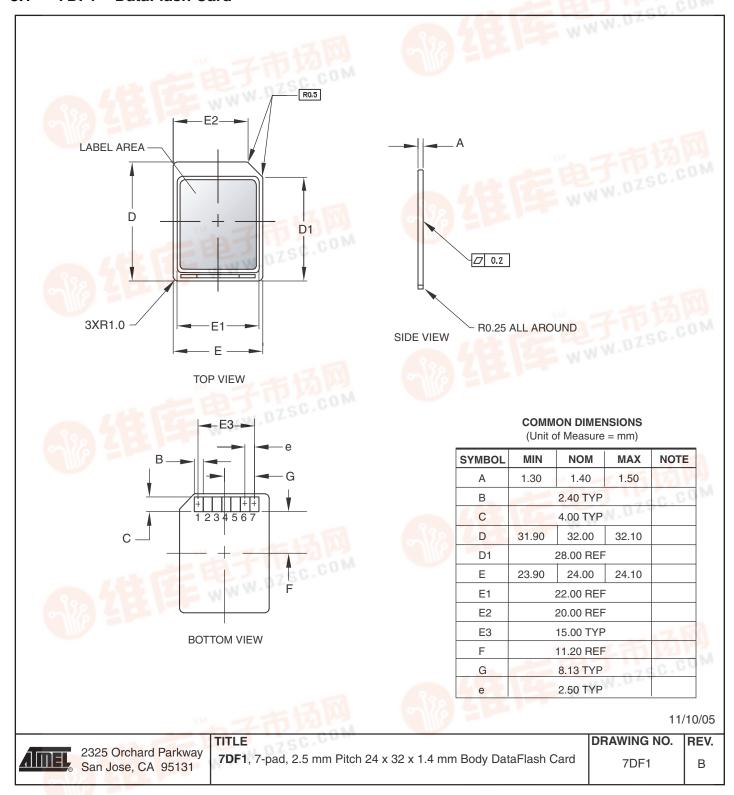


2756.00				
Package Type				
7DF1	7-lead, 2.5 mm Pitch 24 x 32 x 1.4 mm Body DataFlash Card			



查询AT45DCB002D供应商 Packaging Information 3.

7DF1 - DataFlash Card 3.1

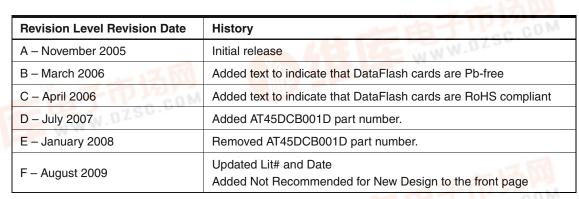








查询AT45DCB002D供应商 Revision History

























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