San Disk Flash Data Storage

SanDisk TransFlash Memory Module

Introducing the world's smallest removable mass storage memory module.

The newest generation of feature-rich mobile phones demand more storage in less space. The incredibly small SanDisk TransFlash memory module meets this need with its miniscule size--while also offering outstanding design and manufacturing flexibility, and easy transportability of user data.



Measuring just 11mm by 15mm and 1mm thick, the new SanDisk TransFlash is the ultimate storage solution for the next generation of increasingly compact mobile phones. Two-thirds the size of a SIM module, TransFlash is even smaller than many embedded memory devices. What's more, TransFlash is also a removable solution.

Available in capacities ranging from 16MB to 128MB (with higher capacities to come), the SanDisk TransFlash gives mobile phone designers and manufacturers more flexibility. In addition, the removable SanDisk TransFlash makes it easy for mobile phone users to transport their personal content like contact lists and saved photos, high fidelity ring tones, applications, and system settings from one mobile phone to another when they need to upgrade their phone or service.



The smaller the size, the bigger the benefits

Incredibly small footprint. Unprecedented design and manufacturing flexibility. Easy to transport and upgrade. The new SanDisk TransFlash makes an ideal storage solution for the newest generation of compact, highly functional mobile phones.

More storage in less space

The new SanDisk TransFlash is the world's smallest removable mass storage module. About the size of a fingernail, SanDisk's TransFlash provides removable mass storage in an extremely small footprint, giving mobile phone manufacturers more flexibility in creating small handset designs with big features. With SanDisk's TransFlash, mass storage in mobile phones is no longer a problem--no matter how small the phone may be.

Design and manufacturing flexibility

SanDisk's TransFlash provides mobile phone designers with an array of options for integrating embedded and removable mass storage into any mobile phone—even after the phone is built. Mobile phone makers can configure handset memory at the last stage of manufacturing, giving them a new level of inventory control and marketing flexibility. Network operators have the opportunity to pre-load content and offer special applications and services. Plus, devices can be easily upgraded by network operators at the point of sale to better manage inventory levels or by end-users, after the purchase, as they need higher capacities.



After Purchase or at Point of Sale

Easy user transportability

The removable SanDisk TransFlash enables mobile phone users to transfer their personal content, applications, and system settings from one phone to another. Users can also easily upgrade their mobile phone by simply replacing the SanDisk TransFlash with another higher capacity TransFlash module at a later time.



SanDisk is your best choice for flash data storage

SanDisk is the world's largest supplier of flash data storage products, including industry-standard solid-state data, digital imaging and audio storage products. Whether you're designing the latest mobile phones, digital cameras, handheld PCs, or portable audio players, SanDisk flash data storage offers you the best in overall compatibility, performance, reliability and cost. Give your next designs the best flash data storage solutions available. Insist on SanDisk.

SanDisk TransFlash Cards Specifications*

Power	
DC Input Voltage	2.7V to 3.6V
Power Dissipation-room temperature	2.7 V to 3.0 V
Sleep	<150 μA
Read	
read	<45 mA
Write	<50 mA
Environmental	
Temperature	
Operating <50 mA	-25°C to 85°C
Non-Operating Commercial	-40°C to 85°C
Moisture	
Operating	25°C/85% rel. humidity
Non-Operating	40°C/85% rel. humidity
Shock	
Operating	1,000 G max
Non-Operating	1,000 G max
Reliability and Maintenance	
MTBF (Mean Time Between Failures)	>1,000,000 Hours
Data Reliability	<1 non-recoverable error in 1014 bits read
Physical	
Length	11 mm +/- 0.1 mm
Width	15 mm +/- 0.1 mm
Thickness (body)	1.0 mm +/- 0.1 mm
Weight	0.40 g. max
Ordering Information	
Order Model #	SDQCBP-16 16MB
	SDQCJP-32 32MB
	SDOCJP-64 64MB
	SDOCJP-128 128MB

^{*}Specifications and product offerings are subject to change without notice.

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