



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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HT Series

SDXC Memory Card, Industrial Temp. Consumer Plus MLC Model

■ **Product Outline**

HT series are SDXC memory cards adopting built-in consumer MLC type NAND flash memory. Their operating temperature range is -40°C to +85°C, industrial temperature range. They are formatted complying with SD card specification.

■ **Product Specification** (specifications and appearances are subject to be changed without notice.)

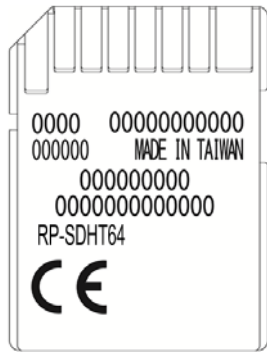
Appearance		64GB
		
Part Number		RP-SDHT64DA1
Capacity	Available user data area capacity *1)	63,618,809,856 byte
Memory	Flash Memory Type	MLC 128Gbit x4
Compliant Specification	SD Physical Specification	Ver. 4.20
	SD Speed Class	CLASS 10
	UHS Speed Grade	U3
	Speed mode	Default Speed, High Speed, SDR12, SDR25, SDR50, SDR104, DDR50
Absolute Maximum Ratings *2)	Supply Voltage	Min : -0.3 V ; Max : +4.6 V
	Input Voltage	Min : -0.3 V ; Max : VDD +0.3 V
	Output Voltage	Min : -0.3 V ; Max : VDD +0.3 V
	Output Current	Min : -24 mA ; Max : +24 mA
Environmental Specification	Operating Temperature	-40 °C to +85 °C
	Storage Temperature	-40 °C to +85 °C
	Humidity	5 % RH to 95 % RH
	Vibration	15 Gp-p
	Shock	1,000 G
	Mating Cycles	10,000 cycles

*1) Free area capacity after formatted.

*2) Absolute Maximum Ratings are the values of limitation, which do not damage the card. So those values do not define the operational range.

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- Products comply with EU RoHS directives.

■ Marking Specification



“0000”	Control Code
“000000000000”	Serial Number
3 rd digit	Last digit of Manufacture year
4 th digit	Manufacture month (January->A, February->B,)
“MADE IN TAIWAN”	Country of Origin
“000000”, “000000000”, “0000000000000”	Internal control code
“RP-SDHT64”	Product name

■ System Reliability

- a. Error detect and corrective function
- b. Static wear leveling
- c. Bad block management

■ Notice and Caution

If you think about the usage for which special quality or reliability of the products is needed and failure or malfunction of the products may directly threaten life or injury for the special usage (aeronautic or cosmic usage, military usage, combustion machine, life support applications or safety applications), please counsel with our contacts in advance.

Write frequency and storage temperature will affect data retention time. Please make a backup for important data.

■ Warranty

If the product cannot be used because of failure which is determined as defect in design or in production of the product, it is replaced by same product or equivalent one within 12 months from the delivery date of product.