EN: This Datasheet is presented by the manufacturer.

Please visit our website for pricing and availability at www.hestore.hu.

microSD Class 10 + Adapter

MP-TSRASPI10-16GB

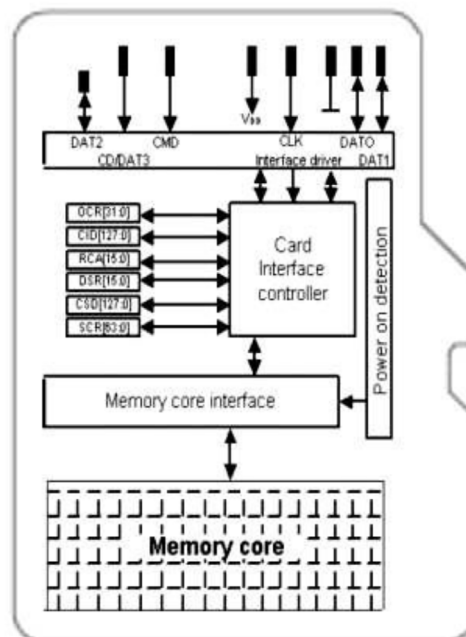MP-TSRASPI10-32GB

RoHS Compliant

Description

Today's advanced smartphones and tablets are fast and powerful, with memory-hungry Apps and Full-HD recording capabilities that perform best with high-speed storage media. Transcend's Premium series microSDXC/SDHC Class 10 cards offer extra storage capacity with superior read/write speeds that keep pace with your mobile lifestyle.

Features

- Fully compliant with the SD 3.0 standard
- Class 10 speed rating guarantees fast and reliable write performance
- Built-in Error Correcting Code (ECC) to detect and correct transfer errors
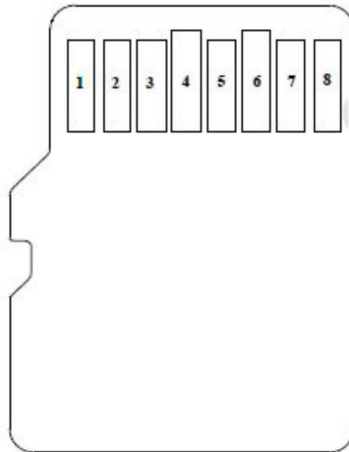- Exclusive RecoveRx photo recovery software

Architecture

Newark.com/multicomp-pro
Farnell.com/multicomp-pro
sg.element14.com/b/multicomp-pro

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Pin Definition

Pin No.	SD Mode		SPI Mode	
	Name	**Description**	**Name**	**Description**
1	DAT2	Data Line [Bit2]	RSV	Reserved
2	CD/DAT3	Card Detect / Data Line [Bit3]	CS	Chip Select
3	CMD	Command / Response	DI	Data In
4	VDD	Supply voltage	V_{DD}	Supply voltage
5	CLK	Clock	SCLK	Clock
6	VSS	Supply voltage ground	V_{SS}	Supply voltage ground
7	DAT0	Data Line [Bit0]	DO	Data out
8	DAT1	Data Line [Bit1]	RSV	Reserved

Physical Specification

Form Factor		microSD
Dimensions (mm)	**Length**	11.00 ± 0.1
	Width	15.00 ± 0.1
	Height	0.7 ± 0.1

Environmental Specifications

Operating Temperature : -25°C to 85°C
Storage Temperature : - 40°C to 85°C
Durability : 10,000 mating cycles
Drop test : 1.5m free fall
Regulator : CE/FCC/BSMI

Part Number Table

Description	Part Number
microSD card + Adapter, Class 10, 16GB , 30MB/s, Preloaded Noobs for Raspberry Pi	MP-TSRASPI10-16GB
microSD card + Adapter, Class 10, 32GB , 30MB/s, Preloaded Noobs for Raspberry Pi	MP-TSRASPI10-32GB

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