



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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SD Card 3.0

APXXXXSDHC10XX-X / APXXXXSDXC10XX-X



SPECIFICATIONS

| Interface | SD Specification Version 3.0 | |
|-------------------|--|---|
| Interface speed | UHS-I |  (Indicate Speed Class 3 on UHS-I Interface) |
| | |  (Indicate Speed Class 1 on UHS-I Interface) |
| | Class 10 (Indicate SD Speed Class when used with a device that does not support UHS Interface) | |
| Capacity* | 8GB-128GB | |
| Form Factor | SDHC or SDXC | |
| Protection | Write Protect mechanical switch | |
| Operating Voltage | 2.7V to 3.6V | |
| Dimension | 32mm(L) x 24mm(W) x 2.1mm(H) | |
| Temperature | Operating | 0°C to 70°C |
| | Storage | -40°C to 85°C |
| Humidity | Operating: | RH 93% under 25°C |
| | Non-operating: | RH 93% under 40°C |
| Drop test** | 1.5m free fall | |
| Torque test** | 0.15N-m or ±2.5 degrees | |
| Switch test | Cycles | Slide 0.4N to 5N |
| Warranty | Limited product lifetime warranty | |
| Certifications | RoHS, CE, FCC, BSMI | |

ORDERING INFORMATION

| Speed | Capacity | P/N |
|-------------------------------------|----------|------------------|
| UHS-I U1 Class10 | 8GB | AP8GSDHC10U1-X |
| | 16GB | AP16GSDHC10U1-X |
| | 32GB | AP32GSDHC10U1-X |
| | 64GB | AP64GSDXC10U1-X |
| UHS-I U3 Class10 R/W: 95/45MB/s | 16GB | AP16GSDHC10U3-X |
| | 32GB | AP32GSDHC10U3-X |
| | 64GB | AP64GSDXC10U3-X |
| UHS-I U3 Class10 R/W: 95/85 MB/s | 32GB | AP32GSDHC10U4-X |
| | 64GB | AP64GSDXC10U4-X |
| | 128GB | AP128GSDXC10U4-X |

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