



### 71V2546S133BG Information



For Reference Only

Part Number 71V2546S133BG

Manufacturer IDT, Integrated Device Technology Inc

Category Integrated Circuits (ICs)

Memory

**Description** IC SRAM 4.5MBIT 133MHZ 119BGA

Package 119-BGA

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



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# 71V2546S133BG Specifications

| Manufacturer Part Number         71V2546S133BG           Manufacturer         IDT, Integrated Device Technology Inc           Category         Integrated Circuits (ICs)           Memory         Memory           Package         119-BGA           Series         -           Memory Type         Volatile           Memory Format         SRAM           Technology         SRAM - Synchronous ZBT           Memory Size         4.5Mb (128K x 36)           Memory Interface         Parallel           Clock Frequency         133MHz           Write Cycle Time - Word, Page         -           Access Time         4.2ns           Voltage - Supply         3.135 V ~ 3.465 V           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Surface Mount           Package / Case         119-BGA           Supplier Device Package         119-PBGA (14x22)           Report errors? | •                             |  |
|--|-------------------------------|--|
| Category         Integrated Circuits (ICs)           Memory           Package         119-BGA           Series         -           Memory Type         Volatile           Memory Format         SRAM           Technology         SRAM - Synchronous ZBT           Memory Size         4.5Mb (128K x 36)           Memory Interface         Parallel           Clock Frequency         133MHz           Write Cycle Time - Word, Page         -           Access Time         4.2ns           Voltage - Supply         3.135 V ~ 3.465 V           Operating Temperature         0°C ~ 70°C (TA)           Mounting Type         Surface Mount           Package / Case         119-BGA           Supplier Device Package         119-PBGA (14x22)   | Manufacturer Part Number      | 71V2546S133BG  |
| MemoryPackage119-BGASeries-Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Synchronous ZBTMemory Size4.5Mb (128K x 36)Memory InterfaceParallelClock Frequency133MHzWrite Cycle Time - Word, Page-Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)  | Manufacturer                  | IDT, Integrated Device Technology Inc                    |
| Package 119-BGA  Series -  Memory Type Volatile  Memory Format SRAM  Technology SRAM - Synchronous ZBT  Memory Size 4.5Mb (128K x 36)  Memory Interface Parallel  Clock Frequency 133MHz  Write Cycle Time - Word, Page -  Access Time 4.2ns  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Surface Mount  Package / Case 119-BGA  Supplier Device Package 119-PBGA (14x22)   | Category                      | Integrated Circuits (ICs)                                |
| Series - Memory Type Volatile  Memory Format SRAM  Technology SRAM - Synchronous ZBT  Memory Size 4.5Mb (128K x 36)  Memory Interface Parallel  Clock Frequency 133MHz  Write Cycle Time - Word, Page - Access Time 4.2ns  Voltage - Supply 3.135 V ~ 3.465 V  Operating Temperature 0°C ~ 70°C (TA)  Mounting Type Surface Mount  Package / Case 119-BGA  Supplier Device Package 119-PBGA (14x22)  |                               | Memory   |
| Memory TypeVolatileMemory FormatSRAMTechnologySRAM - Synchronous ZBTMemory Size4.5Mb (128K x 36)Memory InterfaceParallelClock Frequency133MHzWrite Cycle Time - Word, Page-Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)   | Package                       | 119-BGA  |
| Memory FormatSRAMTechnologySRAM - Synchronous ZBTMemory Size4.5Mb (128K x 36)Memory InterfaceParallelClock Frequency133MHzWrite Cycle Time - Word, Page-Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)  | Series                        | -  |
| Technology  SRAM - Synchronous ZBT  Memory Size  4.5Mb (128K x 36)  Memory Interface  Parallel  Clock Frequency  133MHz  Write Cycle Time - Word, Page  - Access Time  4.2ns  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Surface Mount  Package / Case  119-BGA  Supplier Device Package  119-PBGA (14x22)  | Memory Type                   | Volatile   |
| Memory Size4.5Mb (128K x 36)Memory InterfaceParallelClock Frequency133MHzWrite Cycle Time - Word, Page-Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)   | Memory Format                 | SRAM   |
| Memory InterfaceParallelClock Frequency133MHzWrite Cycle Time - Word, Page-Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)   | Technology                    | SRAM - Synchronous ZBT                                   |
| Clock Frequency  Write Cycle Time - Word, Page  Access Time  4.2ns  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Surface Mount  Package / Case  119-BGA  Supplier Device Package  | Memory Size                   | 4.5Mb (128K x 36)  |
| Write Cycle Time - Word, Page  Access Time  4.2ns  Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Surface Mount  Package / Case  119-BGA  Supplier Device Package  119-PBGA (14x22)   | Memory Interface              | Parallel   |
| Access Time4.2nsVoltage - Supply3.135 V ~ 3.465 VOperating Temperature0°C ~ 70°C (TA)Mounting TypeSurface MountPackage / Case119-BGASupplier Device Package119-PBGA (14x22)  | Clock Frequency               | 133MHz   |
| Voltage - Supply  3.135 V ~ 3.465 V  Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Surface Mount  Package / Case  119-BGA  Supplier Device Package  119-PBGA (14x22)  | Write Cycle Time - Word, Page | -  |
| Operating Temperature  0°C ~ 70°C (TA)  Mounting Type  Surface Mount  Package / Case  119-BGA  Supplier Device Package  119-PBGA (14x22)   | Access Time                   | 4.2ns  |
| Mounting Type Surface Mount Package / Case 119-BGA Supplier Device Package 119-PBGA (14x22)  | Voltage - Supply              | 3.135 V ~ 3.465 V  |
| Package / Case 119-BGA Supplier Device Package 119-PBGA (14x22)  | Operating Temperature         | $0^{\circ}\text{C} \sim 70^{\circ}\text{C} \text{ (TA)}$ |
| Supplier Device Package 119-PBGA (14x22)   | Mounting Type                 | Surface Mount  |
| **   | Package / Case                | 119-BGA  |
| Report errors?   | Supplier Device Package       | 119-PBGA (14x22)   |
|  |                               | Report errors?   |

#### 71V2546S133BG Guarantees



#### **Quality Guarantees**

We provide 90 days warranty. \*

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



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We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

## 71V2546S133BG Payment Methods



















## 71V2546S133BG Shipping Methods













If you have any question about 71V2546S133BG, please do not hesitate to contact us!

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