

SD CARD DATA LOGGER



<https://www.yasateknoloji.com>

Key Features

- **High Capacity:** 32 GB of data storage
- **Low Power Consumption:** Operates on 5V power
- **Compact Design:** 16 mm × 19 mm
- **Plug-and-Play Usage:** Data recording without additional software
- **Wide Application Area:** Sensor data recording, industrial data collection, prototyping projects

Product Description

The 32GB Data Logger Module, developed by Yasa Technology, is designed to reliably and long-term store data from sensors, microcontrollers, and other electronic systems.

Its compact design makes it easily integrated into portable systems. Its large storage capacity allows you to securely record high-volume data during field measurements or long-term tests.

Feature	Value
Supply Voltage	5 V DC
Storage Capacity	32 GB
Dimensions	16 mm × 19 mm
Data Retention	Non-volatile (retained even when power is lost)
Interface	Microcontroller/Sensor data connection
Operating Temperature	0 °C – 70 °C

Advantages

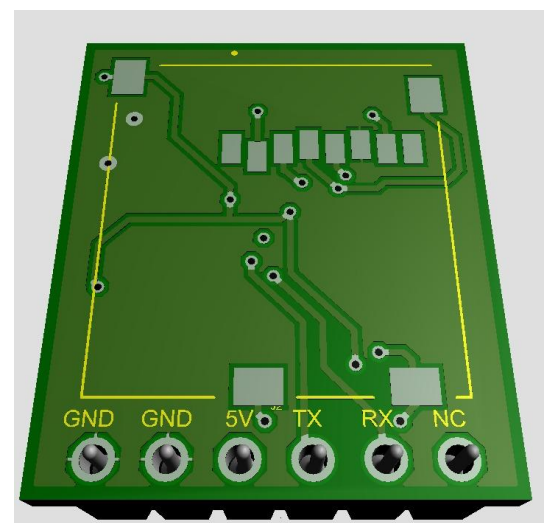
- **Long-Term Logging:** Record weeks of data with 32 GB capacity
- **Easy Integration:** Compatible with Arduino, Raspberry Pi, STM32, C2000 systems
- **Reliability:** No data loss during power outages
- **Lightweight and Durable:** Ideal for portable projects

Applications

- Environmental data logging (temperature, humidity, pressure sensors)
- Industrial data acquisition systems
- Research and development projects
- Portable test equipment
- IoT data monitoring applications

Mechanical Dimensions

- **Width:** 16 mm
- **Length:** 19 mm
- **Height:** ~2 mm (excluding connector)



IMPORTANT NOTE: THE PART SEEN IN THE PHOTO IS THE BACK OF THE CARD.