





















## 7. Conclusion

The transmission of information from the processor to the display devices using the MAX7219 integrated circuit via the SPI communication protocol is established, The SPI protocol solves the need for a simple or complex configuration, inexpensive and low-overload simple interface in applications where the source can be assimilated to a data stream, as opposed to reading and writing data to address locations. This is why it is ideal for managing device-to-device communications between microcontrollers and sensors, digital signal processing devices, and other processors

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