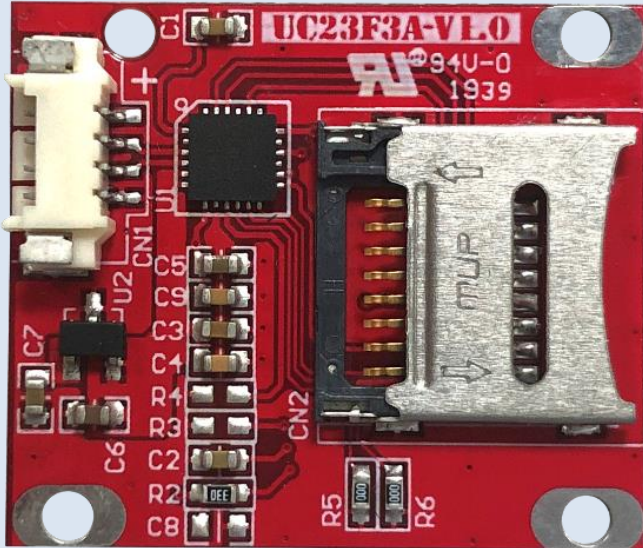# UC23F3A V1.0

microSD Card Reader

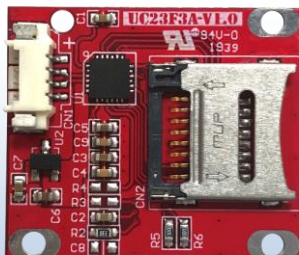Product > SD Card Reader > **UC23F3A V1.0**

- Secure Digital™ (SD)
  - Support SD specification v1.0 / v1.1 / v2.0/ SDHC (Up to 32GB)
  - Support SD specification v3.0 UHS-I: SDR25/SDR50
  - Support 1.8V/3.3V switch signal pads
  - Support micro SDXC (Up to 2TB)
- On chip clock source (OCCS) to eliminate the use of one 12MHz crystal from board
- Support 3.3V power input
- On-Chip 3.3V to 1.8V regulators
- Provide Over-Current protection mechanism for safety power supply
- On-Chip power MOSFETs for supplying flash media card power
- Support Power Saving mode/ Selective suspend driver for better power management.
- Support Spread Spectrum Clock enabled by vendor driver for SD to reduce EMI effect
- Support Remote Wakeup by default
- Support SD CPRM
- Support Intel Power Optimizer
- Support Microsoft InstantGo
- Support RTD3

Specification

- USB specification compliance
  - Comply with 480Mbps Universal Serial Bus specification rev. 2.0
  - Comply with USB Storage Class specification rev. 1.0
  - Support one device address and up to four endpoints: Control (0)/ Bulk Read (1)/ Bulk Write (2)
- Integrated USB building blocks
  - USB2.0 transceiver macro (PHY), USB controller, Build-in power-on reset (POR)
- Embedded 8051 micro-controller
  - Embedded mask ROM and internal SRAM

UC23F3A Package Contents

UC23F3A
(microSD Card Reader) x1