16bit 2MSPS数据采集卡所需芯片采购清单

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| --- | --- | --- | --- | --- | --- | --- | --- |
| 类型 | 芯片 | 制造商 | 封装 | 单板数量 | 采购总数 | 已用 | 剩余 |
| FPGA | EP4CE10U14I7N | Altera | U256 | 1 | 4 | 4 | 0 |
| ADC | AD7985BCPZ | ADI | LFCSP\_VQ | 2 | 8 | 5 | 3 |
| 运放 | AD8476BRMZ | ADI | MSOP | 2 | 8 |  |  |
| AD8426ACPZ-R7 | ADI | LFCSP\_VQ | 1 | 4 |  |  |
| Reset ICs  复位芯片 | TPS3307-25DR | TI | SOIC | 1 | 4 | 2 | 2 |
| TPS3820-33DBVR | TI | SOT-23(DBV) | 1 | 4 |  |  |
| Serial Configuration Devices | EPCS4SI8 | Altera | SOIC | 1 | 4 |  |  |
| Ethernet controller  以太网控制器 | DM9000A | Davicom | LQPF48 | 1 | 4 |  |  |
| Transformer  网络变压器 | PH163539A | YCL | SMD Type | 1 | 4 |  |  |
| EEPROM | 24LC64 | microchip | PDIP | 1 | 4 |  |  |
| 93LC46 | microchip | SOIC | 1 | 4 |  |  |
| SRAM | IS61WV3216DBLL-12TI  本来用-8TI(速度更快) | ISSI | TSOP (Type II) | 2 | 8 |  |  |
| USB controller  USB控制器 | CY7C68013A-56pvc | Cypress | SSOP | 1 | 4 | 2 | 2 |
| USB-to-UART | FT230XS | FTDI | SSOP | 1 | 4 |  |  |
| Power Management  电源管理芯片 | LMZ10503TZX-ADJ | TI | TO-PMOD(NDW) | 1 | 4 |  |  |
| LM26420XMH | TI | HTSSOP(20) | 1 | 4 |  |  |
| TPS74201KTWR | TI | KTW(DDPAK) | 2 | 8 |  |  |
| Reference | ADR441BRZ | ADI | SOIC\_N | 1 | 4 |  |  |
| ADR444BRZ | ADI | SOIC\_N | 1 | 4 |  |  |
| 肖特基二极管 | BAT54HT1G | OnSemi | SOD−323 | 4 | 30 |  |  |