

1SX250LU2F50E1VG



**Part Number:** 1SX250LU2F50E1VG

**Manufacturer:** Intel® FPGAs

**Description:** 2397-PIN FBGA

**Data sheet:**  [Stratix® 10 Device Datasheet](#)  
 [Stratix 10 GX/SX Device Overview](#)

**RoHS Status:** Lead free / RoHS Compliant

**Ship From:** Hong Kong

**Shipment Way:** DHL/Fedex/TNT/UPS/EMS

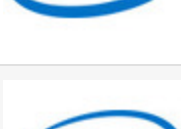
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| PRODUCT PARAMETER              |                                                                                                                               |                                  |                                                                                                  |
|--------------------------------|-------------------------------------------------------------------------------------------------------------------------------|----------------------------------|--------------------------------------------------------------------------------------------------|
| Part Number                    | 1SX250LU2F50E1VG                                                                                                              | Manufacturer                     | <a href="#">Intel® FPGAs</a>                                                                     |
| Description                    | 2397-PIN FBGA                                                                                                                 | Lead Free Status / RoHS Status   | Lead free / RoHS Compliant                                                                       |
| Quantity Available             | 3 pcs                                                                                                                         | Data sheet                       | <a href="#">Stratix® 10 Device Datasheet</a><br><a href="#">Stratix 10 GX/SX Device Overview</a> |
| Category                       | <a href="#">Integrated Circuits (ICs)</a>                                                                                     | Speed                            | 1.5GHz                                                                                           |
| Series                         | Stratix® 10 SX                                                                                                                | RAM Size                         | 256KB                                                                                            |
| Primary Attributes             | FPGA - 2500K Logic Elements                                                                                                   | Peripherals                      | DMA, WDT                                                                                         |
| Packaging                      | Tray                                                                                                                          | Operating Temperature            | 0°C ~ 100°C (TJ)                                                                                 |
| Number of I/O                  | 704                                                                                                                           | Moisture Sensitivity Level (MSL) | 3 (168 Hours)                                                                                    |
| Lead Free Status / RoHS Status | Lead free / RoHS Compliant                                                                                                    | Flash Size                       | -                                                                                                |
| Detailed Description           | Quad ARM® Cortex®-A53 MPCore™ with CoreSight™ System On Chip (SOC) IC Stratix® 10 SX FPGA - 2500K Logic Elements 256KB 1.5GHz | Core Processor                   | Quad ARM® Cortex®-A53 MPCore™ with CoreSight™                                                    |
| Connectivity                   | EBI/EMI, Ethernet, I²C, MMC/SD/SDIO, SPI, UART/USART, USB OTG                                                                 | Architecture                     | MCU, FPGA                                                                                        |

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