2.5" SATA SSD ASD+S2D Series

2.5" SATA DDR4 SSD for Industrial
Embedded Applications

Preliminary

Features

- Advanced Flash Management including static and dynamic wear leveling, bad block management, TRIM, SMART, over-provision, and firmware update
- TCG OPAL-activated SSD supports PSID
- Low Power Management including DEVSLP mode (optional) and DIPM/HIPM mode
- Operating temperature range:
  C-grade : 0°C ~ 70°C
  I-grade : -40°C ~ 85°C
- Hardware Power Loss Protection (HW PLP)
- MTBF of more than 1,500,000 hours
- Vibration and shock resistance
- RoHS compliant

Introduction

ADLINK's industrial 2.5" SATA SSD ASD+S2D Series delivers all the advantages of today's flash disk technologies with SATA 6Gb/ s interface power loss protection, and is fully compliant with the standard 2.5" 7mm form factor. Capacities of 256GB to 8TB are available and read/write speeds of up to 550MB/s and 520MB/s respectively are supported.

Ordering Information

ASDS25SCC-2TBT0	2.5" SATA SSD ASD+S2D Series, BiCS5 3D TLC, 2TB, 0°C ~ 70°C
ASDS25SCC-4TBT0	2.5" SATA SSD ASD+S2D Series, BICS5 3D TLC, 4TB, 0°C ~ 70°C
ASDS25SCC-8TBT0	2.5" SATA SSD ASD+S2D Series, BiCS5 3D TLC, 8TB, 0°C ~ 70°C
ASDS25SCI-2TBT0	2.5" SATA SSD ASD+S2D Series, BiCS5 3D TLC, 2TB, -40°C ~ 85°C
ASDS25SCI-4TBT0	2.5" SATA SSD ASD+S2D Series, BiCS5 3D TLC, 4TB, -40°C ~ 85°C
ASDS25SCI-8TBT0	2.5" SATA SSD ASD+S2D Series, BiCS5 3D TLC, 8TB, -40°C ~ 85°C
ASDS25SCC-256GTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 256GB, 0°C ~ 70°C
ASDS25SCC-512GTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 512GB, 0°C ~ 70°C
ASDS25SCC-1TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 1TB, 0°C ~ 70°C
ASDS25SCC-2TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 2TB, 0°C ~ 70°C
ASDS25SCC-4TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 4TB, 0°C ~ 70°C
ASDS25SCC-8TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 8TB, 0°C ~ 70°C
ASDS25SCI-256GTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 256GB, -40°C ~ 85°C
ASDS25SCI-512GTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 512GB, -40°C ~ 85°C
ASDS25SCI-1TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 1TB, -40°C ~ 85°C
ASDS25SCI-2TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 2TB, -40°C ~ 85°C
ASDS25SCI-4TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 4TB, -40°C ~ 85°C
ASDS25SCI-8TBTF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BICS5 3D TLC, 8TB, -40°C ~ 85°C
ASDS25SCC-64GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 64GB, 0°C ~ 70°C
ASDS25SCC-128GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 128GB, 0°C ~ 70°C
ASDS25SCC-256GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 256GB, 0°C ~ 70°C
ASDS25SCC-512GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 512GB, 0°C ~ 70°C
ASDS25SCC-1TBP0	2.5" SATA SSD ASD+S2D Series, BICS5 pSLC, 1TB, 0°C ~ 70°C
ASDS25SCC-2TBP0	2.5" SATA SSD ASD+S2D Series, BICS5 pSLC, 2TB, 0°C ~ 70°C
ASDS25SCI-64GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 64GB, -40°C ~ 85°C
ASDS25SCI-128GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 128GB, -40°C ~ 85°C
ASDS25SCI-256GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 256B, -40°C ~ 85°C
ASDS25SCI-512GP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 512GB, -40°C ~ 85°C
ASDS25SCI-1TBP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 1TB, -40°C ~ 85°C
ASDS25SCI-2TBP0	2.5" SATA SSD ASD+S2D Series, BiCS5 pSLC, 2TB, -40°C ~ 85°C
ASDS25SCC-64GPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 64GB, 0°C ~ 70°C
ASDS25SCC-128GPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 128GB, 0°C ~ 70°C
ASDS25SCC-256GPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 256GB, 0°C ~ 70°C
ASDS25SCC-512GPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 512GB, 0°C ~ 70°C
ASDS25SCC-1TBPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 1TB, 0°C ~ 70°C
ASDS25SCC-2TBPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 2TB, 0°C ~ 70°C
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ASDS25SCI-2TBPF	2.5" SATA SSD ASD+S2D Series, with P-Fail, BiCS5 pSLC, 2TB, -40°C ~ 85°C