



**ITI LIMITED**  
(A Government of India Undertaking)

ITI PR Ref No: M4326E003

**TECHNICAL SPECIFICATION**

Sl. No	ITI Item Code	Item Description	Make	Manufacturer Part No.	Qty in Nos
1	SA3B2052851H1T2	IC, SMD, 256Mb, 3V MULTIPLE I/O SERIAL FLASH MEMORY, 16 SOIC, -40 TO +85 DEG.C, 133MHz	MICRON	MT25QL256ABA8ESF-OSIT	100
2	SA3B2522805S4T2	IC, 10/100/1000 MBPS GIGABIT ETHERNET TRANSCEIVER, QFN-48, -40 TO +85 DEG. C	MICROCHIP TECHNOLOGY INC (ATMEL)	KSZ9031RNXIA	100
3	DA3B2292738H1T2	IC 3V TO 5.5 V MULTICHANNEL RS232 LINE DRIVER/RECEIVER WITH ± 15 KV IEC ESD PROTECTION	TEXAS INSTRUMENTS PVT LTD(NATIONAL SEMICONDUCTOR)	MAX3223EIDWR	100
4	SA3B2572857S2T2	IC, SMD, MCU, 32BIT 512KB FLASH, 208BGA, -40 TO +85 DEG.C, ARM CORTEX	NEXPERIA (NXP SEMICONDUCTORS) NETHERLANDS	LPC1788FET208551	100
5	SA3B2932802S4T2	IC, 1:8 BIDIRECTIONAL TRANSLATING SWITCH, VQFN-24, -40 TO +85 DEG.C	TEXAS INSTRUMENTS PVT LTD(NATIONAL SEMICONDUCTOR)	TCA9548ARGER	100
				PCA9548ARGER (OBS)	100
6	DA3B2902856S2T2	IC MCU, ARM CORTEX-A5 PROCESSOR, -40 TO +85 DEG.C, 32BIT 160KB ROM 324LFB	MICROCHIP TECHNOLOGY INC (ATMEL)	ATSAMA5D36A-CUR	100
7	SA3B2822798L7T8	IC, ARTIX-7-100T FPGA, FG-484 PKG., -40 TO +100 DEG.C	XILINX,ASIA PACIFIC PTE.LTD	XC7A100T-2FGG484I	100
8	SA3B2822808M2T8	IC, KINTEX 160T FPGA, PKG. FFG676, -40 TO +100 DEG. C	XILINX,ASIA PACIFIC PTE.LTD	XC7K160T-2FFG676I	50
9	SA3B2912852M8T2	IC, SDRAM - DDR2 MEMORY, 1Gb (64M x 16) PARALLEL 400M	MICRON	MT47H64M16NF-25E-IT	100

**Note:**

- Bidders must submit an item-wise compliance statement and detailed technical specifications (including ITI item code, make, part number, deliver period/ lead time, etc.) on their company's letterhead, duly signed and sealed by an authorized signatory. Items must match the make and part numbers specified. Bids without these documents will be rejected and not considered for technical evaluation.**
- COC, test reports, and all relevant documents** pertaining to this order must be **submitted** along with the supply for inspection clearance.
- Warranty certificate is mandatory. Warranty and lead time** should be **clearly mentioned**.
- Sample** must be supplied and **approved by the end user team** prior/before to the bulk supply.
- Do not quote for a different make or Manufacture part number. Only the above specified make and MPN will be accepted.**