

Discrete QPL nomenclature

JAN S R 2N YYYY T1

Joint Army Navy brand

Quality level

- TX
- TX
- VS = Intended for space applications

Radiation hardness assurance (RHA)

RHA designation Total ionizing dose (TID) (rad(Si))

- Blank = Not rated
- R = 1×10^5 (100krads)
- F = 3×10^5 (300krads)
- H = 1×10^6 (1Mrads)

Component designation

- 1N = Rectifiers
- 2N = Transistors

Identification number

- YYYY = JEDEC assigned number

Suffix letters

Package type Package outline

- T1 = TO-254
- T2 = TO-205AF
- T3 = TO-257
- T8 = TO-258AA
- U1 = SMD-1
- U2 = SMD-2
- U2A = SuplR-SMD
- U2S = SMD-2 (TO-276AC) with carrier board option
- U2L = SMD-2 (TO-276AC) with lead option
- U3 = SMD-5
- U5 = LCC 16-20 pin
- U6 = LCC 28 pin
- U8 = SMD-0.2
- D1 = TO-254, no tab and surface mount lead formed
- D3 = TO-257, no tab and surface mount lead formed
- D4 = TO-254, no tab
- D5 = TO-257, no tab
- UA = LCC 4 or 6 leads
- UAC = LCC 4 or 6 leads with a ceramic lid
- UB = LCC 4 leads
- UBN = LCC 3 with an isolated lid
- UBC = LCC 4 with a ceramic lid
- UBCN = LCC 3 leads with a ceramic isolated lid