Discrete QPL nomenclature

Joint Army Navy brand

Quality level
TX
TXV

Radiation hardness assurance (RHA)
RHA designation Total ionizing dose (TID) (rad(Si))
Blank = Not rated
R = 1 x 10^5 (100krads)
F = 3 x 10^5 (300krads)
H = 1 x 10^6 (1Mrads)

Component designation
1N = Rectifiers
2N = Transistors

Identification number
YYYY = JEDEC assigned number

Suffix letters
Package type Package outline
T1 = TO254
T2 = TO205AF
T3 = TO257
T8 = TO256AA
U1 = SMD-1
U2 = SMD-2
U2A = SupIR-SMD
U2S = SMD-2 (TO276AC) with carrier board option
U2L = SMD-2 (TO276AC) with lead option
U3 = SMD-5
U5 = LCC 16x20 pin
U6 = LCC 28 pin
U8 = SMD-0.2
D1 = TO254, no tab and surface mount lead formed
D3 = TO257, no tab and surface mount lead formed
D4 = TO254, no tab
D5 = TO257, 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