Rad hard ICs nomenclature

Device type
RIC Rad hard integrated circuit

Radiation Qualification Level
7 100 krad(Si)

Single Event Effects (SEE) Level
(Blank) \(\geq 80\) MeV \(\cdot\) cm\(^2\)/mg
S \(\leq 60\) MeV \(\cdot\) cm\(^2\)/mg

Device Indicator
113 High and low side gate driver
4424 Non-inverting dual output gate driver

Package
A 14 pin ceramic flatpack
C Die in waffle pack
H 8 pin ceramic flatpack
E Leadless Chip Carrier (LCC-18)
L MO-036AB (14 pin DIP)

Screening level – Packaged unit
(Blank) Engineering Evaluation
SCB MIL-PRF-38535 Level B Qualified IR List
SCS MIL-PRF-38535 Level S Qualified IR List

Screening level – Die
CDV 100% visual inspection
CDH MIL-PRF-38534 Level H Qualified IR List
CDK MIL-PRF-38534 Level K Qualified IR List

High-side voltage rating
(Blank) Not applicable
4 400 V