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### Diodes

Part Number/Series/Family	Description	Lead	Mercury	Cadmium	Cr-6*	PBB*	PBDE*	Comments
1N54XX	Low voltage, axial-leaded, glass	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N55XX	Low voltage, axial-leaded, glass	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N56XX	Low voltage, axial-leaded, glass	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N56XXU	Low voltage, surface mount tab, glass	YES	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**

1N65XX	High voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N65XLL	High voltage, formed-lead, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N65XXU	High voltage, surface mount tab, glass	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
1N66XX	Low voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
1N68XX	High voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
D40XXXX	Low & high voltage, chip	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
D60XXXX	Low voltage, chip	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
D90XXXX	Low & high voltage, chip	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
DP90XXXX	High voltage, molded	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform and lead plating exempt per RoHS

									Annex Note 7**
KXXX,UF, F, S	High voltage, axial-leaded, epoxy (plastic)	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
MD90XXXX	High voltage, molded	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform and lead plating exempt per RoHS Annex Note 7**
MXXX, FF3, FF5, UFG, FG, SG	High voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
SD90XXXX	Low & high voltage, chip with strap	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
SMXXXX	High voltage, molded	YES	No	No	No	No	No	No	RoHS Compliant - Lead plating is 90/10 Lead/Tin

SMFXXXX	High voltage, molded	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
Xxx, FF3L, FF5L, UL, FL, SL	Low and high voltage, surface mount tab, glass	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
Xxx, FF3, FF5, UFG,FG,SG	Low and high voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
ZXX, UL, FL, SL	Low voltage, surface mount tab, glass	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per RoHS Annex Note 7**
ZXX, FF3LL, FF5LL, ULL, FLL, SLL	Low and high voltage, formed-lead, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
ZXXX, FF3, FF5, UFG, FG, SG	High voltage, axial-leaded, glass	No	No	No	No	No	No	No	Lead-free, RoHS Compliant
ZXXX, UF, F, S	High voltage, axial-leaded, epoxy (plastic)	YES	No	No	No	No	No	No	RoHS compliant - Die attach preform exempt per

JAN, JANTX, JANTXV - all diodes	Low & high voltage, axial-leaded, surface mount tab, glass	YES	No	No	No	No	No	RoHS Annex Note 7**	Mil spec requires tin/lead solder dipping of diode leads
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**Table Notes:** \*Cr-6 - Hexavalent Chromium

\*PBB - Polybrominated Biphenyls

\*PBDE - Polybrominated Diphenyl Ethers

\*\*Annex Note 7 exempts lead in high melting temperature type solders (i.e. tin-lead solder alloys containing more than 85% lead)

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