

# Ultra fast rectifiers die nomenclature

**HF 06 B 120 A CDV**

## Device type

**HF** = FRED

## Die size

**03** = 43<sup>2</sup>  
**06** = 66<sup>2</sup>  
**10** = 90<sup>2</sup>  
**20** = 107 x 130  
**30** = 169 x 220  
**42** = 200<sup>2</sup>  
**50** = 257<sup>2</sup>

## Process

**A** = Electron irradiated  
**B** = Platinum diffused

## Screening level

**CDV** = 100% visual inspection only  
**CDH** = MIL-PRF-19500 level H (TXV)  
IR controlled drawing  
**CDK** = MIL-PRF-19500 level K (space)  
IR controlled drawing

## Top side metallization

**A** = Aluminum  
**S** = Silver

## Voltage rating

**20** = 200V  
**40** = 400V  
**60** = 600V  
**90** = 900V  
**120** = 1200V