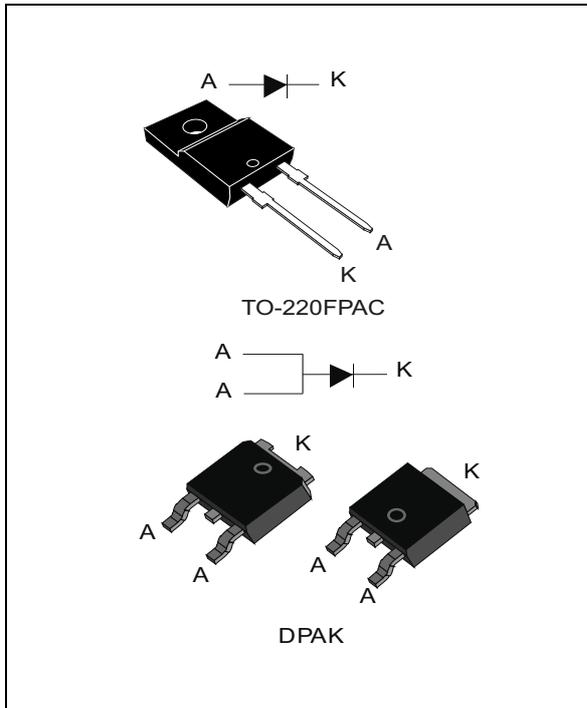


## Turbo 2 ultrafast - high voltage rectifier for flat panel displays

Datasheet - production data



### Description

The STTH10LCD06 uses ST Turbo 2 technology. This device is suited for power applications in flat panel displays and especially applicable to switching power supplies in LCD.

Table 1. Device summary

Symbol	Value
$I_{F(AV)}$	10 A
$V_{RRM}$	600 V
$T_j(max)$	175 °C
$V_F$ (typ)	1.3 V
$t_{rr}$ (typ)	35 ns

### Features

- Ultrafast switching
- Low reverse current
- Low thermal resistance
- Reduce conduction and switching losses
- ECOPACK<sup>®</sup>2 compliant component for DPAK on demand
- Insulated package: TO-220FPAC
  - Insulated voltage: 2000  $V_{RMS}$  sine