TP ESD PROTECTION

BACKLIGHT VOLTAGE GENERATOR

BACKLIGHT CURRENT CALCULATION:

\[ I_{LED} = \frac{V_{peak} \cdot D}{5 \cdot R_{sense}} \]

ILED = 20mA FOR THE FOLLOWING;
Vpeak (BRT PIN) = 3.3V
D (BRT PIN) = 0% TO 100%

NOTE: SHIELD LCD_AGND AND CONNECT TO GND AT A SINGLE POINT