Below is a component list of the BSPD Schematic.

IC’s:

* U1: SN74LVC2G08DCUT – AND gate
  + Input (3): VCC, CRT\_THRES, BRAKE\_SENS, V\_LOGIC\_DELAYED, GND
  + Output (2): V\_LOGIC, BSPD\_OUT
* U2: TLV3202AIDGK – Comparator 2CH
* U3: SN74AHC1G04DCK – NOR
* Q1: FDN375 – Transistor

Resistors & Capacitors:

* R1: 5.2kΩ
* R2: 2kΩ
* R3: 6kΩ
* R4: 3.5kΩ
* R5: 10kΩ
* R6: 500Ω
* C1: 50µF

I/O Signals:

* VREF\_CRT\_SENS
* VREF\_RC
* CRT\_SENS
* CRT\_THRES
* BRAKE\_SENS
* V\_LOGIC\_DELAYED
* BSPD\_OUT