DESCRIPTION OF MODIFICATION:

***This ECO should be done at system level implementation, diode installation direction is dependent upon N-CH or P-CH detector type. ***

1. Remove C35 (bottom of board), near J3, opposite side.

TO BE DONE AT SYSTEM BUILD BASED ON DETECTOR TYPE

Install diode BAV19WS using C35 pads and or nearby vias
Orientation of cathode as described below

If the application uses a positive Vbb potential i.e. we are dealing with a P-Channel type detector then the cathode of the diode points towards the R30 silkscreen marking.

If the application uses a negative Vbb potential i.e. we are dealing with a N-Channel type detector then the cathode of the diode points towards the C35 silkscreen marking.