

/\* The parameter c\_lcd carries the RGB data for the LCD  
/\* 2 pixels of RGB data is clubbed as a 32 bit data  
/\*  
/\* The LCD functions splits the data into 2 16 bit data and sends to the LCD data lines  
/\*  
/\* The function expects a continuous flow of data to the LCD channel inorder to update to the LCD screen  
/\*  
/\* The function initially waits for a dummy data on the channel before processing the LCD data for the very first time  
/\*  
/\* The component is designed to use the Data enable lines of the LCD module  
/\* (can be modified to use the HYSNC and VYSNC lines if required by the LCD module)