



The diagram illustrates a quantum device structure. It features three vertically stacked quantum dots, each represented by a horizontal ellipse with a central black dot. The dots are labeled on the left and right sides with their respective energy levels: the top dot has levels 17, 15, and 16; the middle dot has levels 1, 3, and 5; and the bottom dot has levels 4, 6, and 2. The dots are coupled to each other and to a central 'DRAIN' region, which is represented by a horizontal line. The 'DRAIN' region is flanked by two 'SHELL' regions, also represented by horizontal lines. The energy levels of the 'DRAIN' and 'SHELL' regions are indicated by horizontal lines on the left and right sides, with labels 18, 13, 14, 19, and 20. The coupling between the dots and the drain is shown by lines connecting the dots to the drain region.

Ltemref	Quantity	Title/Name, designation, material, dimension etc			Article NO./Reference		
Designed by FLY		Checkde by HELEN	Approved by - date 2023. 01. 17	File name	Date 2023. 01. 17	Scale FREE	
ANGLE:				BC-DSP-DP-HD15-02			
UNIT:MM					Edition 1	Sheet 1/1	