



D1 = BIT 10 NO FAULT SELECTED
D2 = BIT 10 STUCK AT 0 SELECTED
D3 = BIT 10 STUCK AT 1 SELECTED
D4 = BIT 10 BIT FLIP SELECTED
D5 = BIT 9 NO FAULT SELECTED
D6 = BIT 9 STUCK AT 0 SELECTED
D7 = BIT 9 STUCK AT 1 SELECTED
D8 = BIT 9 BIT FLIP SELECTED

D9 = BIT 8 NO FAULT SELECTED
D10 = BIT 8 STUCK AT 0 SELECTED
D11 = BIT 8 STUCK AT 1 SELECTED
D12 = BIT 8 BIT FLIP SELECTED
D13 = BIT 7 NO FAULT SELECTED
D14 = BIT 7 STUCK AT 0 SELECTED
D15 = BIT 7 STUCK AT 1 SELECTED
D16 = BIT 7 BIT FLIP SELECTED

D17 = BIT 6 NO FAULT SELECTED
D18 = BIT 6 STUCK AT 0 SELECTED
D19 = BIT 6 STUCK AT 1 SELECTED
D20 = BIT 6 BIT FLIP SELECTED
D21 = BIT 5 NO FAULT SELECTED
D22 = BIT 5 STUCK AT 0 SELECTED
D23 = BIT 5 STUCK AT 1 SELECTED
D24 = BIT 5 BIT FLIP SELECTED

D25 = BIT 4 NO FAULT SELECTED
D26 = BIT 4 STUCK AT 0 SELECTED
D27 = BIT 4 STUCK AT 1 SELECTED
D28 = BIT 4 BIT FLIP SELECTED
D29 = BIT 3 NO FAULT SELECTED
D30 = BIT 3 STUCK AT 0 SELECTED
D31 = BIT 3 STUCK AT 1 SELECTED
D32 = BIT 3 BIT FLIP SELECTED

D33 = BIT 2 NO FAULT SELECTED
D34 = BIT 2 STUCK AT 0 SELECTED
D35 = BIT 2 STUCK AT 1 SELECTED
D36 = BIT 1 BIT FLIP SELECTED
D37 = BIT 1 NO FAULT SELECTED
D38 = BIT 1 STUCK AT 0 SELECTED
D39 = BIT 1 STUCK AT 1 SELECTED
D40 = BIT 1 BIT FLIP SELECTED

D41 = FAULT(S) ACTIVE
D42 = WATCHDOG ENABLED
D43 = RISC-V RESET
D44 = WATCHDOG NO FAULTS DETECTED
D45 = WATCHDOG FAULT DETECTED
D46 = RISC-V TRAP(S) TRIGGERED