ML ZEN-CAR RECORDING SETUP V5

From HANSAI LIDAR

HYDRA1
ECO-PA-0102-01-0001

| LIDAR IN (J7) | Camera Card Trigger (1V8) | J1 |
| LIDAR OUT (J8) | BRICK GPIO TRIGGER(3V3) | J4 |

SILOXANE Board
PA-0111-01

ESD + Over Voltage Protection
(Sits inside of brick)

BRICK GPIO for Camera
TimeStamp

HYDRA 2
ECO-PA-0102-01-0002

LIDAR IN(J7)	
LIDAR OUT(J8)	FRONT R.Head 1 Trig	J11(TRIG) - J5 (Clk)
	FRONT R.Head 2 Trig	J12(TRIG) - J4 (Clk)
	FRONT R.Head 3 Trig	J13(TRIG) - J3 (Clk)

CLOCK
+
TRIGGER

HYDRA 3
ECO-PA-0102-01-0002

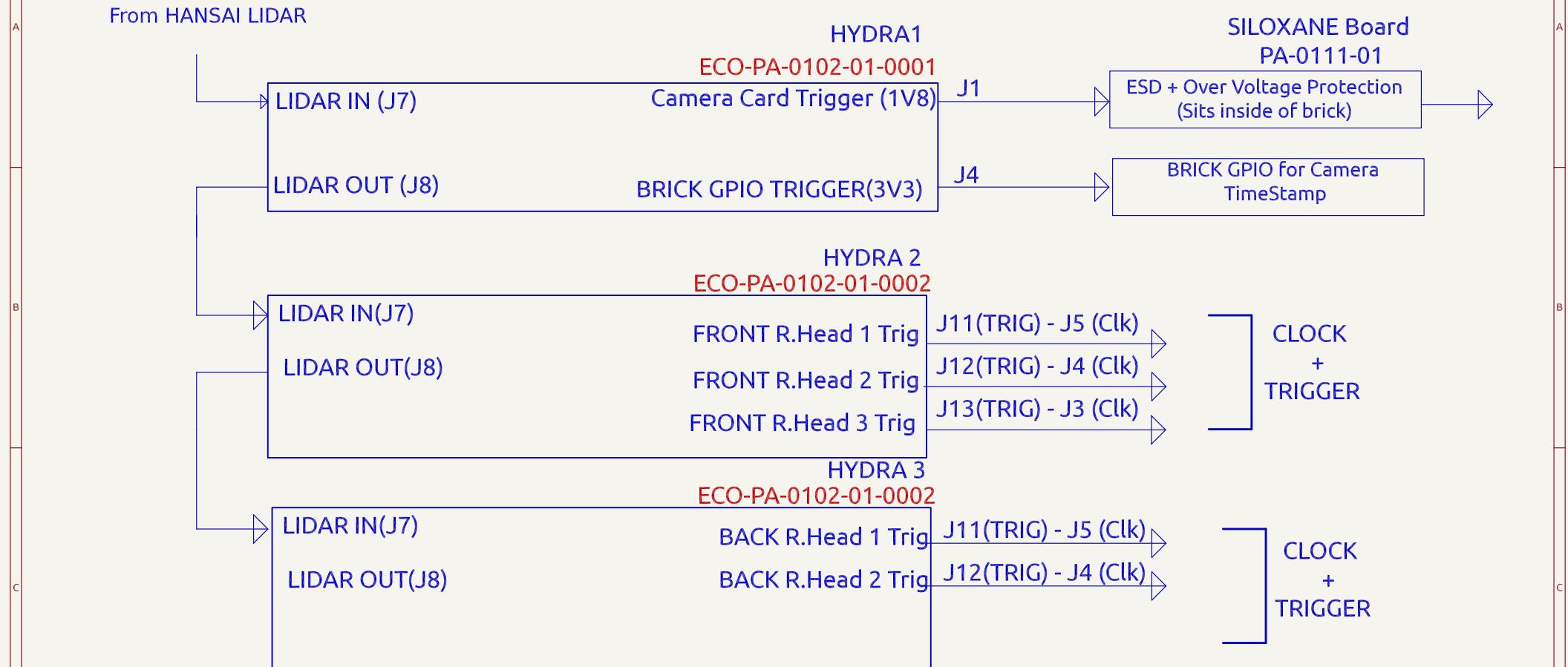| LIDAR IN(J7) | |
| LIDAR OUT(J8) | BACK R.Head 1 Trig | J11(TRIG) - J5 (Clk) |
| | BACK R.Head 2 Trig | J12(TRIG) - J4 (Clk) |

CLOCK
+
TRIGGER

NOTE :
1. HYDRA 1 is running at 40MHz (InCase we want to swap and still use a externl triggered R.Head)
2. HYDRA 2 & HYDRA 3 is running at 40Mhz internal clock @ 0v9 Vpp