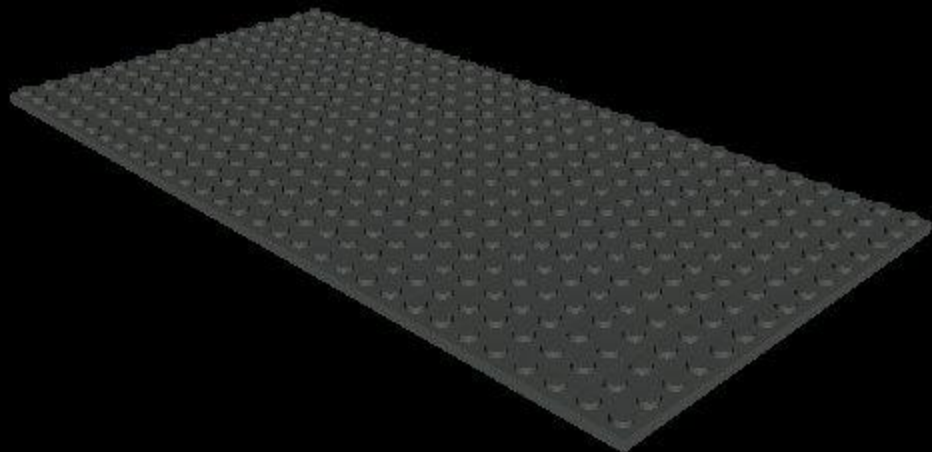


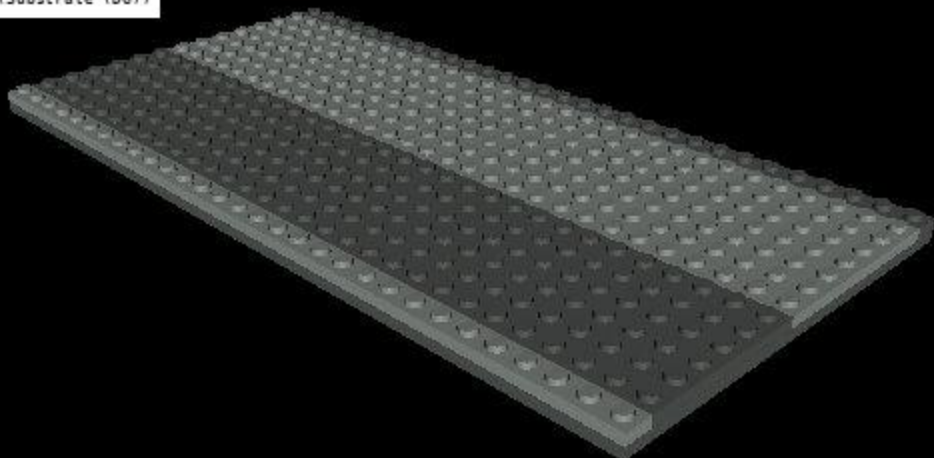
**Parts Needed:**

1x Plate 12x2 (Substrate (DG))  
1x Plate 2x2 (Substrate (DG))  
1x Plate 16x6 (Substrate (DG))  
2x Plate 14x6 (Substrate (DG))  
1x Plate 1x6 (Substrate (DG))  
2x Plate 1x12 (Substrate (DG))  
1x Plate 16x8 (Substrate (DG))



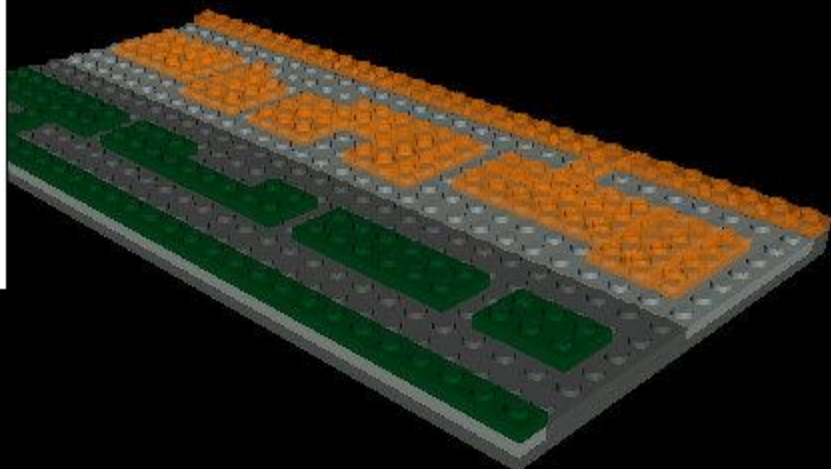
**Parts Needed:**

- 1x Plate 16x6 (N-Well (LG))
- 1x Plate 14x6 (N-Well (LG))
- 2x Plate 1x6 (N-Well (LG))
- 4x Plate 1x12 (N-Well (LG))
- 1x Plate 16x6 (Substrate (DG))
- 1x Plate 14x6 (Substrate (DG))
- 1x Plate 1x6 (Substrate (DG))
- 2x Plate 1x12 (Substrate (DG))



**Parts Needed:**

3x Plate 2x4 (PMOS (DO))  
2x Plate 2x3 (PMOS (DO))  
2x Plate 1x2 (PMOS (DO))  
2x Plate 1x1 (PMOS (DO))  
3x Plate 1x3 (PMOS (DO))  
2x Plate 1x6 (PMOS (DO))  
4x Plate 1x4 (PMOS (DO))  
1x Plate 2x6 (PMOS (DO))  
1x Plate 1x10 (PMOS (DO))  
1x Plate 1x12 (PMOS (DO))  
1x Plate 2x4 (NMOS (DG))  
1x Plate 2x3 (NMOS (DG))  
1x Plate 2x2 (NMOS (DG))  
1x Plate 1x2 (NMOS (DG))  
1x Plate 1x1 (NMOS (DG))  
1x Plate 1x8 (NMOS (DG))  
1x Plate 1x3 (NMOS (DG))  
1x Plate 1x6 (NMOS (DG))  
1x Plate 1x4 (NMOS (DG))  
1x Plate 2x6 (NMOS (DG))  
2x Plate 1x12 (NMOS (DG))



**Parts Needed:**

1x Plate 2x4 (Poly (Red))

1x Plate 2x3 (Poly (Red))

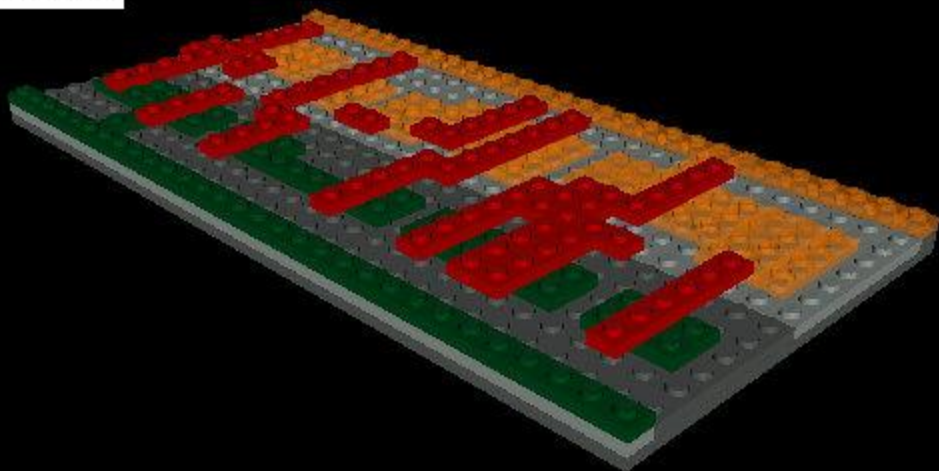
6x Plate 1x2 (Poly (Red))

3x Plate 1x1 (Poly (Red))

4x Plate 1x6 (Poly (Red))

5x Plate 1x4 (Poly (Red))

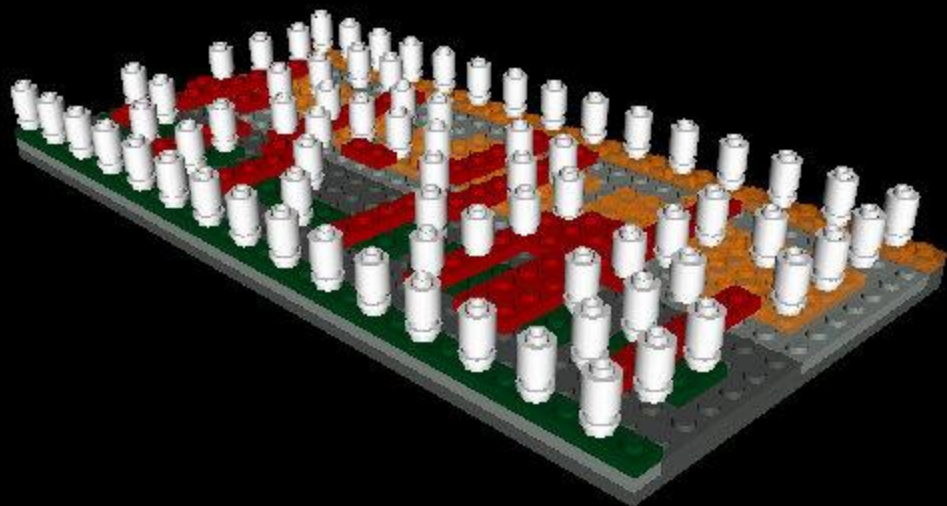
1x Plate 1x10 (Poly (Red))



**Parts Needed:**

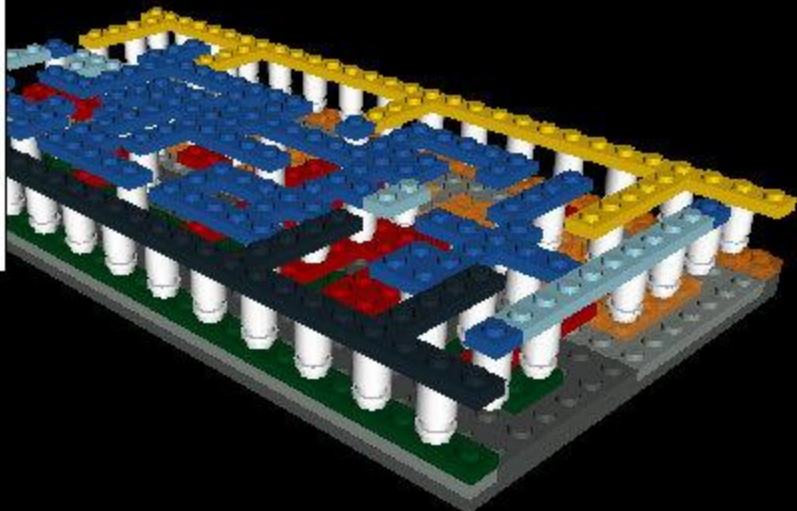
74x Brick 1x1 Round (Contact (White))

63x Plate 1x1 Round (Contact (White))



**Parts Needed:**

1x Plate 1x2 (VSS (Black))  
1x Plate 1x6 (VSS (Black))  
3x Plate 1x4 (VSS (Black))  
2x Plate 1x12 (VSS (Black))  
1x Plate 2x2 (M1 Conn (Blue))  
10x Plate 1x2 (M1 Conn (Blue))  
16x Plate 1x1 (M1 Conn (Blue))  
6x Plate 1x3 (M1 Conn (Blue))  
2x Plate 1x6 (M1 Conn (Blue))  
10x Plate 1x4 (M1 Conn (Blue))  
3x Plate 1x2 (M1 Input (LB))  
3x Plate 1x1 (M1 Input (LB))  
1x Plate 1x8 (M1 Input (LB))  
2x Plate 1x1 (VDD (Yellow))  
2x Plate 1x8 (VDD (Yellow))  
1x Plate 1x3 (VDD (Yellow))  
2x Plate 1x6 (VDD (Yellow))  
3x Plate 1x4 (VDD (Yellow))



**Parts Needed:**

19x Tile 1x1 (VSS (Black))  
32x Tile 1x1 (M1 Conn (Blue))  
4x Tile 1x1 (M1 Input (LB))  
19x Tile 1x1 (VDD (Yellow))

