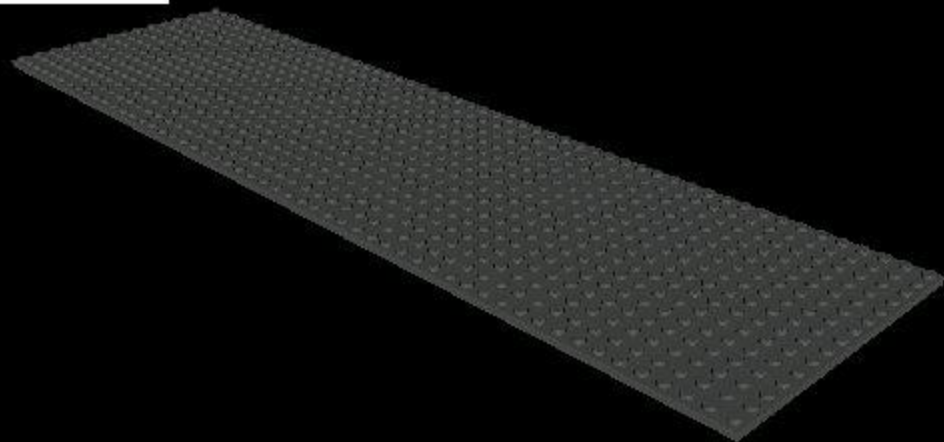


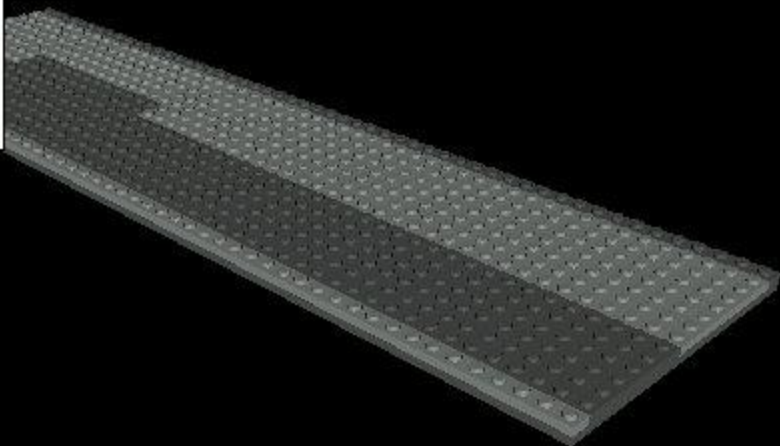
**Parts Needed:**

- 1x Plate 2x4 (Substrate (DG))
- 3x Plate 16x6 (Substrate (DG))
- 1x Plate 12x4 (Substrate (DG))
- 1x Plate 1x3 (Substrate (DG))
- 1x Plate 1x4 (Substrate (DG))
- 5x Plate 1x12 (Substrate (DG))
- 3x Plate 16x8 (Substrate (DG))



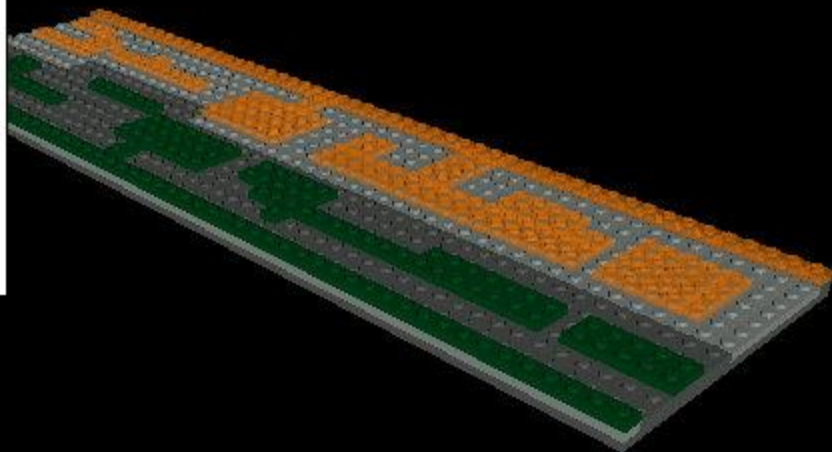
**Parts Needed:**

2x Plate 1x1 (N-Well (LG))  
2x Plate 16x6 (N-Well (LG))  
1x Plate 12x4 (N-Well (LG))  
1x Plate 8x6 (N-Well (LG))  
1x Plate 1x6 (N-Well (LG))  
2x Plate 1x4 (N-Well (LG))  
8x Plate 1x12 (N-Well (LG))  
1x Plate 12x2 (Substrate (DG))  
1x Plate 1x1 (Substrate (DG))  
3x Plate 16x6 (Substrate (DG))  
1x Plate 6x4 (Substrate (DG))  
1x Plate 1x6 (Substrate (DG))  
1x Plate 1x4 (Substrate (DG))  
4x Plate 1x12 (Substrate (DG))



**Parts Needed:**

2x Plate 2x4 (PMOS (D0))  
2x Plate 2x2 (PMOS (D0))  
1x Plate 1x2 (PMOS (D0))  
4x Plate 1x1 (PMOS (D0))  
1x Plate 4x4 (PMOS (D0))  
1x Plate 6x4 (PMOS (D0))  
1x Plate 1x8 (PMOS (D0))  
1x Plate 1x3 (PMOS (D0))  
1x Plate 1x6 (PMOS (D0))  
3x Plate 1x4 (PMOS (D0))  
1x Plate 16x2 (PMOS (D0))  
1x Plate 1x10 (PMOS (D0))  
3x Plate 1x12 (PMOS (D0))  
2x Plate 2x4 (NMOS (DG))  
2x Plate 2x3 (NMOS (DG))  
3x Plate 2x2 (NMOS (DG))  
1x Plate 1x2 (NMOS (DG))  
4x Plate 1x1 (NMOS (DG))  
2x Plate 1x6 (NMOS (DG))  
6x Plate 1x4 (NMOS (DG))  
5x Plate 1x12 (NMOS (DG))



**Parts Needed:**

4x Plate 1x2 (Poly (Red))

8x Plate 1x1 (Poly (Red))

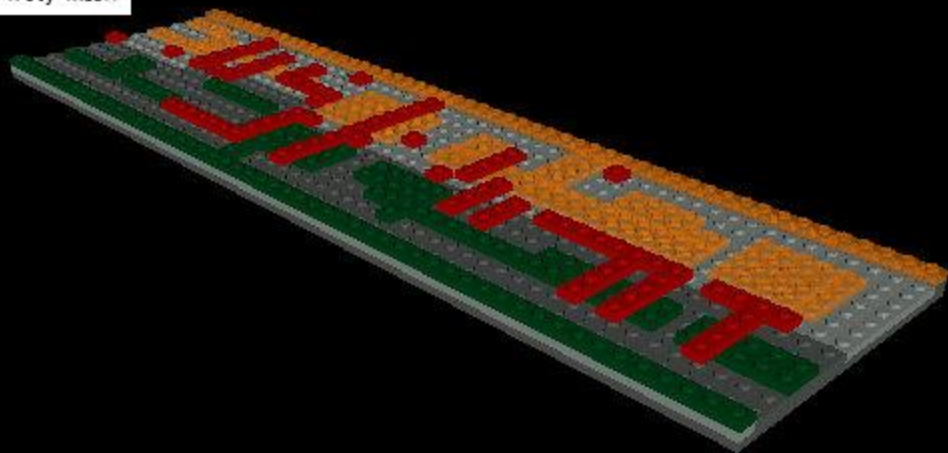
1x Plate 1x8 (Poly (Red))

1x Plate 1x3 (Poly (Red))

2x Plate 1x6 (Poly (Red))

9x Plate 1x4 (Poly (Red))

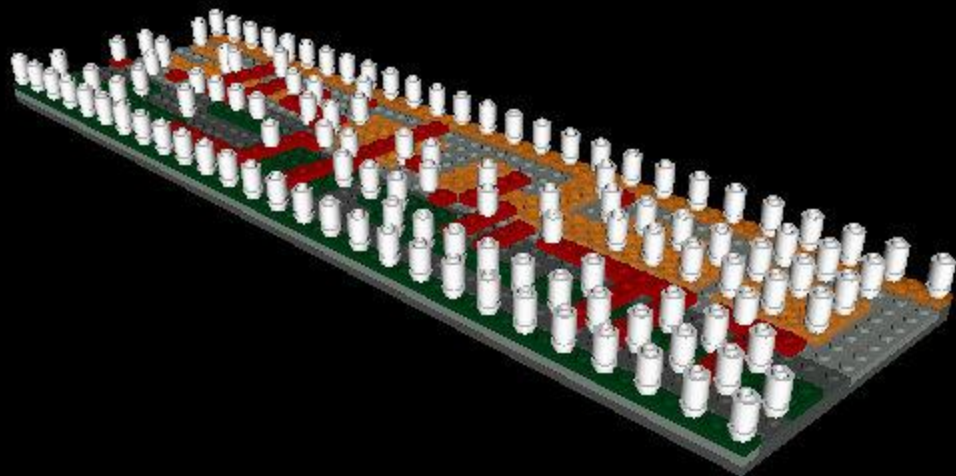
1x Plate 1x10 (Poly (Red))



**Parts Needed:**

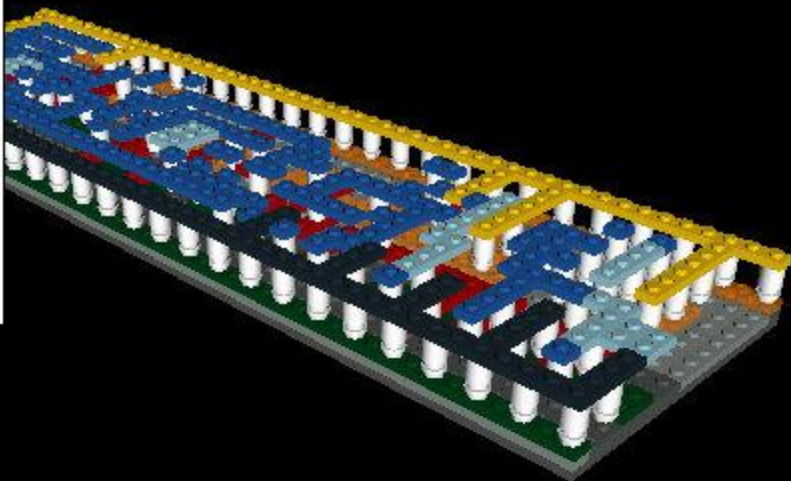
123x Brick 1x1 Round (Contact (White))

108x Plate 1x1 Round (Contact (White))



**Parts Needed:**

5x Plate 1x3 (VSS (Black))  
3x Plate 1x4 (VSS (Black))  
4x Plate 1x12 (VSS (Black))  
16x Plate 1x2 (M1 Conn (Blue))  
37x Plate 1x1 (M1 Conn (Blue))  
1x Plate 1x8 (M1 Conn (Blue))  
5x Plate 1x3 (M1 Conn (Blue))  
5x Plate 1x6 (M1 Conn (Blue))  
10x Plate 1x4 (M1 Conn (Blue))  
2x Plate 1x10 (M1 Conn (Blue))  
1x Plate 1x12 (M1 Conn (Blue))  
1x Plate 2x3 (M1 Input (LB))  
2x Plate 2x2 (M1 Input (LB))  
2x Plate 1x1 (M1 Input (LB))  
1x Plate 1x6 (M1 Input (LB))  
3x Plate 1x4 (M1 Input (LB))  
3x Plate 1x1 (VDD (Yellow))  
1x Plate 1x8 (VDD (Yellow))  
3x Plate 1x6 (VDD (Yellow))  
3x Plate 1x4 (VDD (Yellow))  
3x Plate 1x12 (VDD (Yellow))



**Parts Needed:**

33x Tile 1x1 (VSS (Black))

51x Tile 1x1 (M1 Conn (Blue))

6x Tile 1x1 (M1 Input (LB))

33x Tile 1x1 (VDD (Yellow))

