



```

16 CHIP Mux8Way16 {
17     IN a[16], b[16], c[16], d[16],
18         e[16], f[16], g[16], h[16],
19         sel[3];
20     OUT out[16];
21
22     PARTS:
23     Mux4Way16(a= a[0..15], b= b[0..15], c= c[0..15], d= d[0..15], sel= sel[0..1], out= out0);
24     Mux4Way16(a= e[0..15], b= f[0..15], c= g[0..15], d= h[0..15], sel= sel[0..1], out= out1);
25     Mux16(a= out0, b= out1, sel= sel[2], out= out);
26 }

```