



```
gadgets = [  
    Gadget('YXXX', phase=1/4), Gadget('XYXX', phase=1/4),  
    Gadget('XXYX', phase=-1/4), Gadget('YYXX', phase=-1/4),  
    Gadget('YYXY', phase=1/4), Gadget('XXXY', phase=1/4),  
    Gadget('XYYY', phase=-1/4), Gadget('YXYY', phase=-1/4)  
]
```

```
circuit = GadgetCircuit(gadgets)  
circuit.draw()
```