$$\frac{1}{2} \quad \frac{1}{2} \quad \frac{1$$

$$\frac{dL}{da_{00}} = \frac{dL}{dy} \cdot \frac{dy}{da_{00}}$$

$$= \frac{dL}{dy} \cdot \frac{dy}{da_{00}} \cdot \frac{da_{00}}{da_{00}}$$

$$= \frac{dL}{dy} \cdot \frac{dy}{da_{00}} \cdot \frac{da_{00}}{da_{00}} \cdot \frac{da_{00}}{da_{00}}$$

$$= 2(y-yy) \cdot w_{00} \cdot (6(z_{00}))(1-6(z_{00})) \cdot w_{00}$$

$$= 2(0a_{00}w_{00} + 0a_{00}w_{00} + 0a_{00}w_{00} + 0a_{00}w_{00} + 0a_{00}w_{00}) \cdot w_{00}$$

Wb. Oo1 (1-000). Q12 + Wc. Ob (1-010). Q21 + Wd O11 (1-011). Q22]