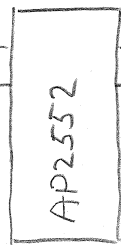


Cartridge Hot-Swap Interface

Cartridge Bus

3.3V
Ret



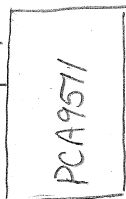
3.3V

30mA Limit
1ns Rise Time
54F max Capacity

Questions

- 1) how to cycle Digital Power @ Cartridge using Enable @ Host using Switch
- 2) AP2552 has a fault flag how to use?

SCL
SDA



SCL
SDA

Enable (Controlled By Cartridge)
Ready

Battery
Ret



Battery

Enable (Controlled By Cartridge)
Fault

2.5A Limit
0.6ms Rise Time
254F max Capacity

6 Lines minimum

$$C = i \frac{dt}{dV} = \left(\frac{1A}{60}\right) \left(\frac{1ms}{3.3V}\right) = 54f$$

$$\cdot \frac{(1A)(0.6ms)}{24V} = 254f \quad \text{this}$$