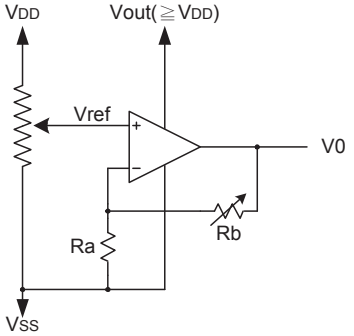
➢ **V0 voltage follower value calculation**

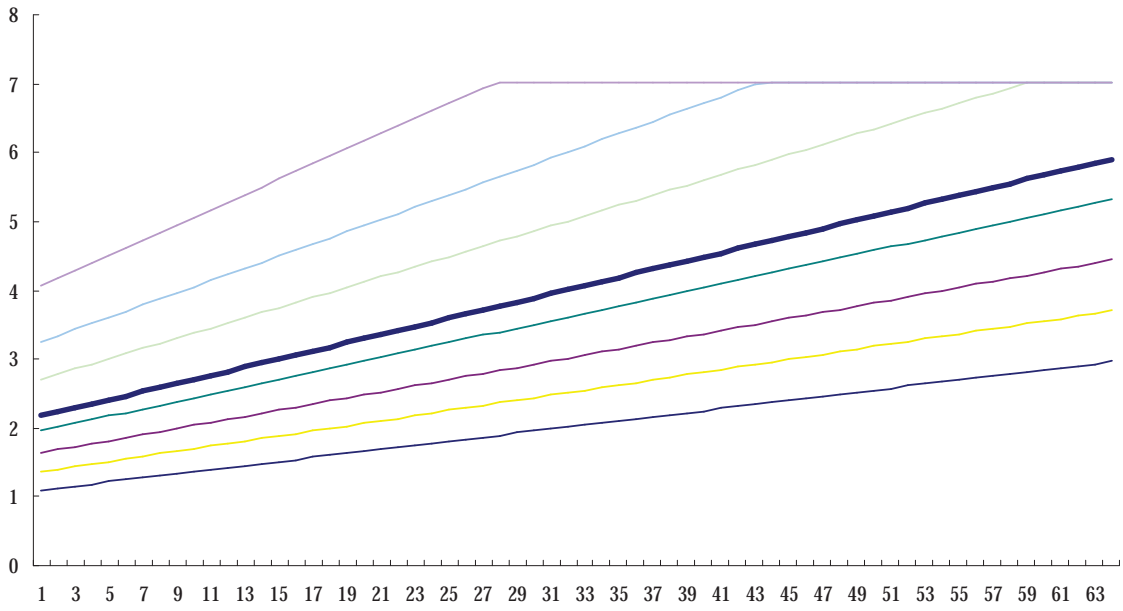


$$V0=(1+\frac{Rb}{Ra})*Vref$$

$$While\ Vref=VDD*(\frac{\alpha+36}{100})$$

C5	C4	C3	C2	C1	C0	α
0	0	0	0	0	0	0
0	0	0	0	0	1	1
0	0	0	0	1	0	2
. .						. .
1	1	1	1	0	1	61
1	1	1	1	1	0	62
1	1	1	1	1	1	63

Rab2	Rab1	Rab0	1+Rb/Ra
0	0	0	1
0	0	1	1.25
0	1	0	1.5
0	1	1	1.8
1	0	0	2
1	0	1	2.5
1	1	0	3
1	1	1	3.75



V0 level (Condition:Booster on, Follower on, VIN=3.5V, VDD=3.0V,Display off)

The recommended curve: follower = 04H

Notes:

1. Vout ≧V0 ≧V1 ≧V2 ≧V3 ≧V4 ≧Vss must be maintained.
2. If the calculation value of V0 is higher than Vout, the real V0 value will saturate to Vout.
3. internal built-in booster can only be used when OPF1=0,OPF2=0.