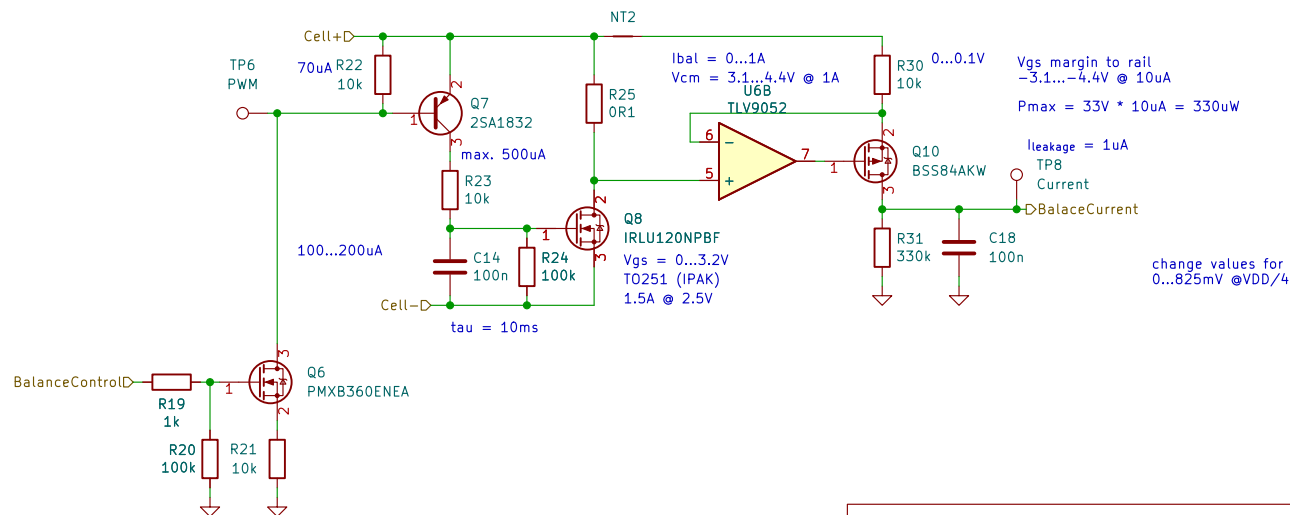
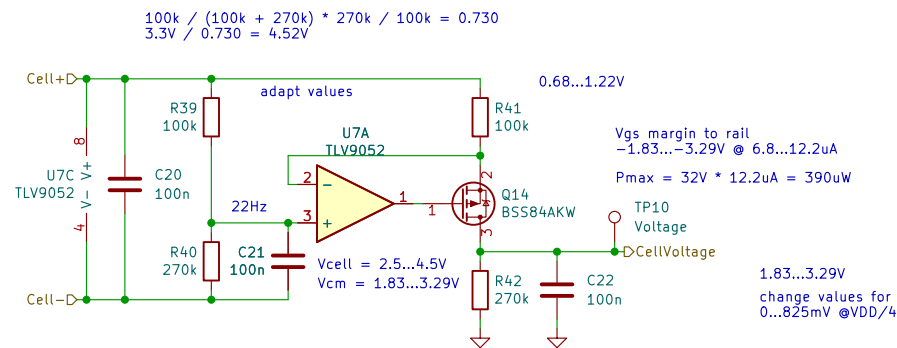


$P = (1A)^2 * 0R1 = 0.1W$   
 $P_{max} 0603 = 0.1...0.2W$

$\tau = 1/(2\pi f_c) = 1/(u_c)$   
 $R * C = 100k * 100n = 10ms \rightarrow 16Hz$   
 $R * C = 100k * 1u = 100ms \rightarrow 1.6Hz$



Sheet: /Balancer2/  
 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**  
 Size: A4 Date: 2024-01-10  
 KiCad E.D.A. kicad (6.0.11) Rev: -  
 Id: 3/9



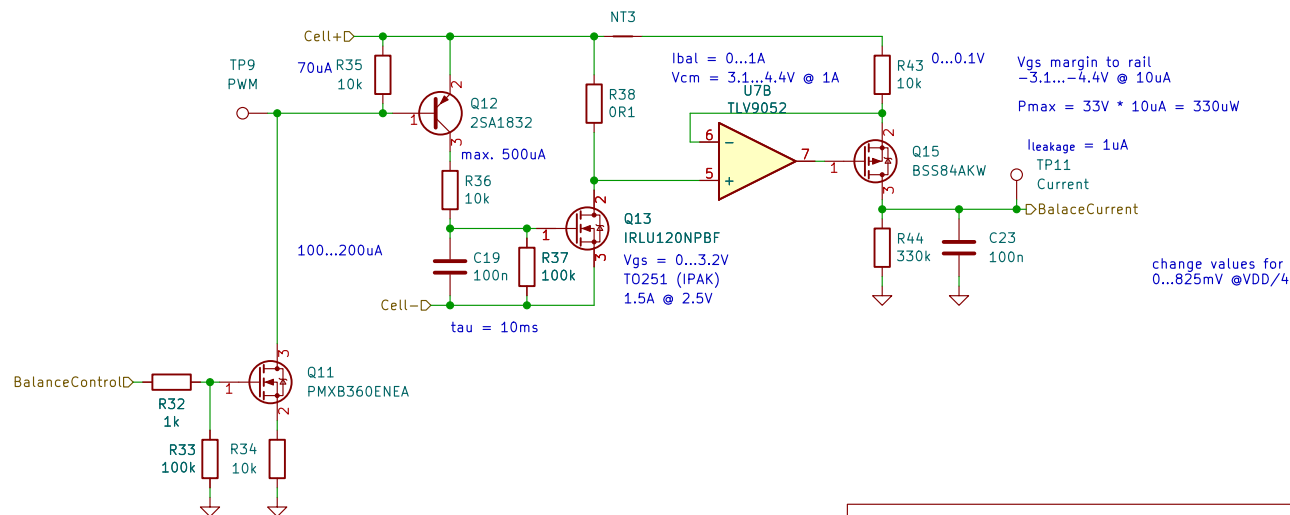
$$P = (1A)^2 * 0R1 = 0.1W$$

$$Pmax\ 0603 = 0.1...0.2W$$

$$\tau = 1/(2\pi f_c) = 1/(\omega_c)$$

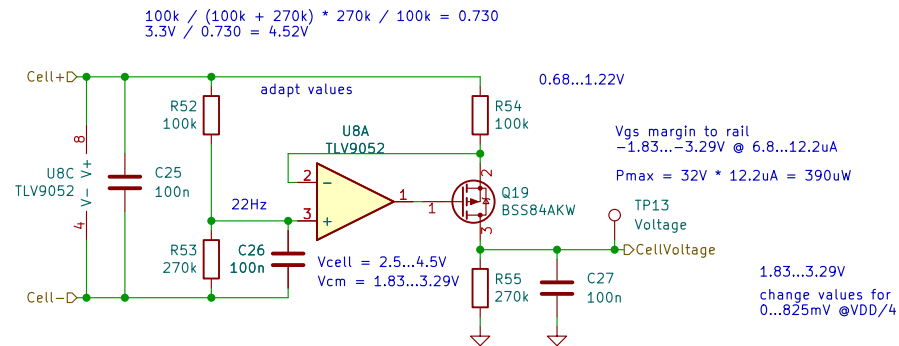
$$R * C = 100k * 100n = 10ms \rightarrow 16Hz$$

$$R * C = 100k * 1u = 100ms \rightarrow 1.6Hz$$



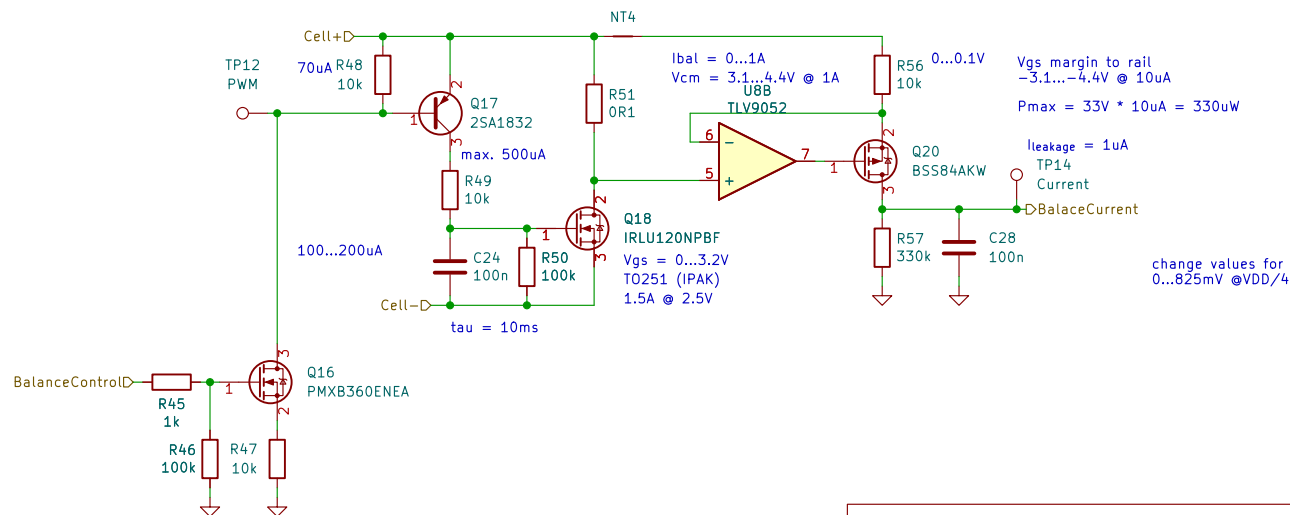
Sheet: /Balancer3/  
 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**

Size: A4	Date: 2024-01-10	Rev: -
KiCad E.D.A. kicad (6.0.11)	Id: 4/9	



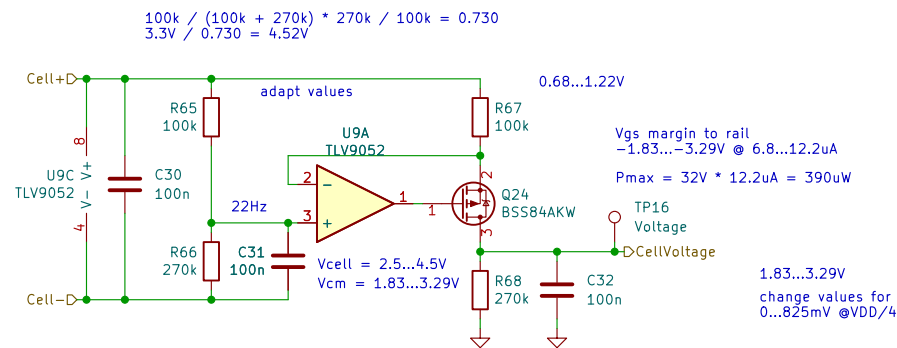
$P = (1A)^2 * 0R1 = 0.1W$   
 $Pmax\ 0603 = 0.1...0.2W$

$\tau = 1/(2\pi f_c) = 1/(\omega_c)$   
 $R * C = 100k * 100n = 10ms \rightarrow 16Hz$   
 $R * C = 100k * 1u = 100ms \rightarrow 1.6Hz$



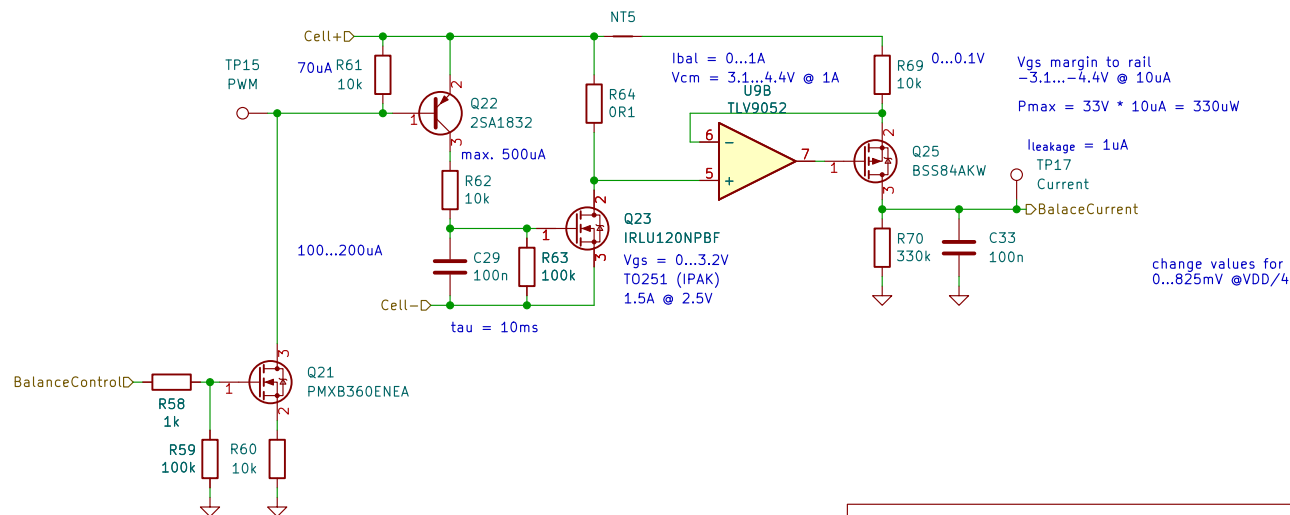
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 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**

Size: A4	Date: 2024-01-10	Rev: -
KiCad E.D.A. kicad (6.0.11)		Id: 5/9

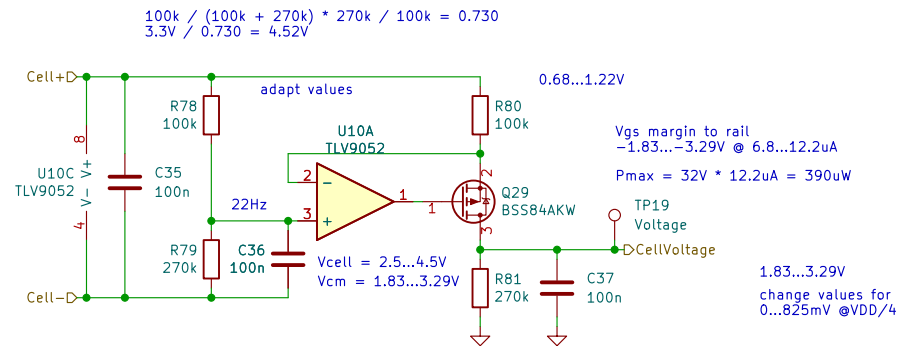


$P = (1A)^2 * 0R1 = 0.1W$   
 $P_{max} 0603 = 0.1...0.2W$

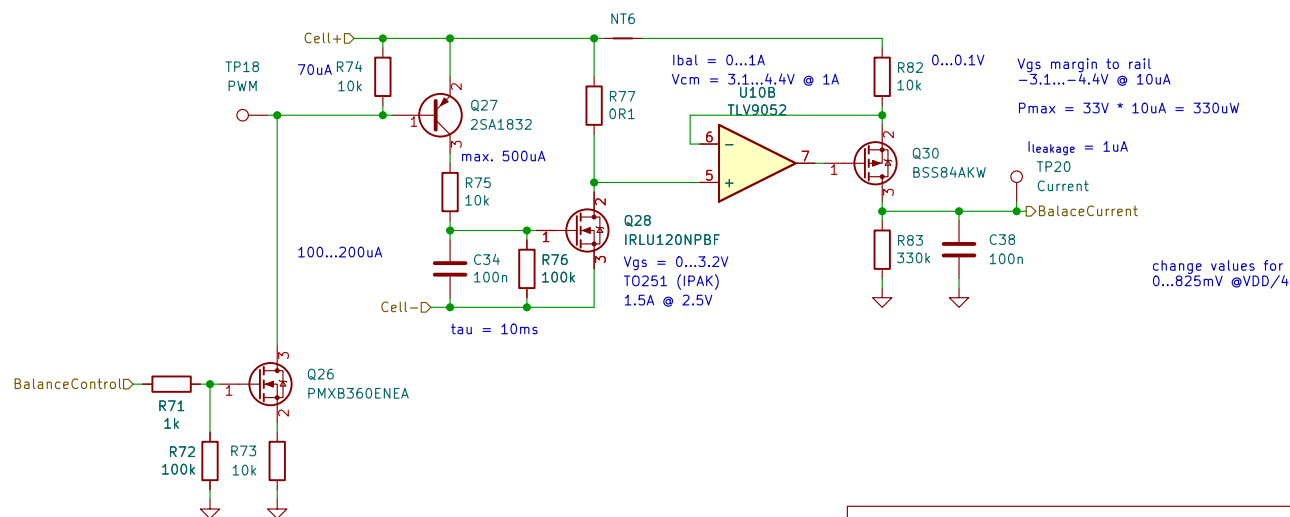
$\tau = 1/(2\pi f_c) = 1/(\omega_c)$   
 $R * C = 100k * 100n = 10ms \rightarrow 16Hz$   
 $R * C = 100k * 1u = 100ms \rightarrow 1.6Hz$



Sheet: /Balancer5/  
 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**  
 Size: A4 Date: 2024-01-10  
 KiCad E.D.A. kicad (6.0.11) Rev: -  
 Id: 6/9

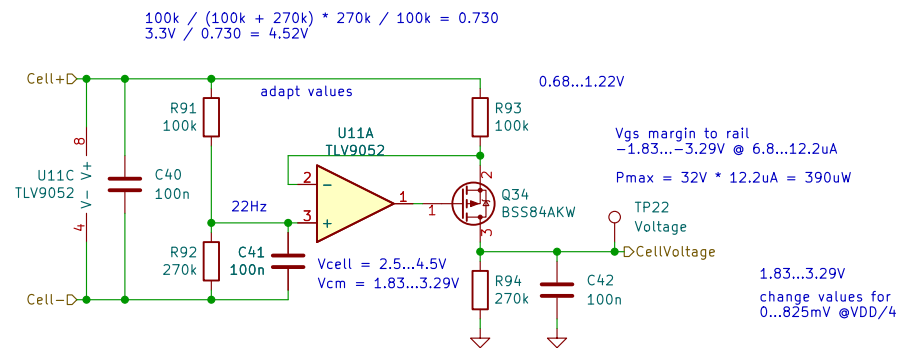


$P = (1A)^2 * 0R1 = 0.1W$   
 $Pmax\ 0603 = 0.1...0.2W$



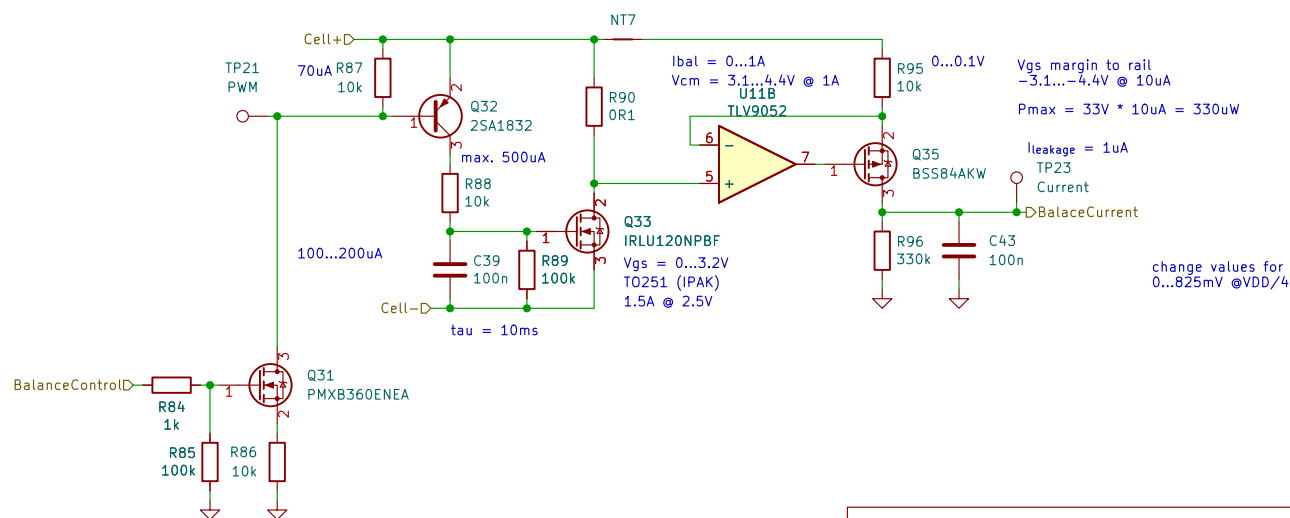
Sheet: /Balancer6/  
 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**

Size: A4	Date: 2024-01-10	Rev: -
KiCad E.D.A. kicad (6.0.11)		Id: 7/9



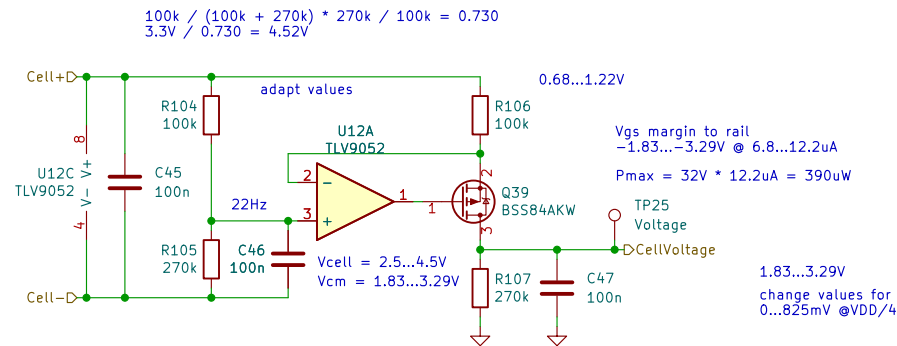
$$P = (1A)^2 * 0R1 = 0.1W$$

$$Pmax\ 0603 = 0.1...0.2W$$



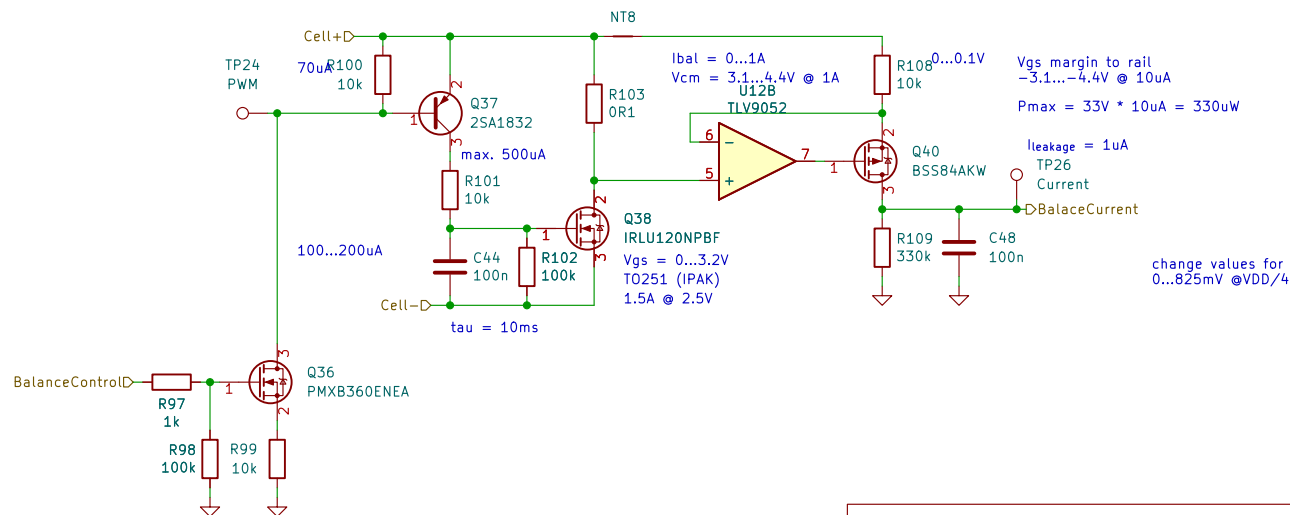
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 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**  
 Size: A4 Date: 2024-01-10  
 KiCad E.D.A. kicad (6.0.11) Rev: -  
 Id: 8/9





$P = (1A)^2 * 0R1 = 0.1W$   
 $Pmax\ 0603 = 0.1...0.2W$

$\tau = 1/(2\pi f_c) = 1/(\omega_c)$   
 $R * C = 100k * 100n = 10ms \rightarrow 16Hz$   
 $R * C = 100k * 1u = 100ms \rightarrow 1.6Hz$



Sheet: /Balancer8/  
 File: Blancer1-8.kicad\_sch  
**Title: 8-Cell Balancer Charger v1**

Size: A4	Date: 2024-01-10	Rev: -
KiCad E.D.A. kicad (6.0.11)		Id: 9/9