

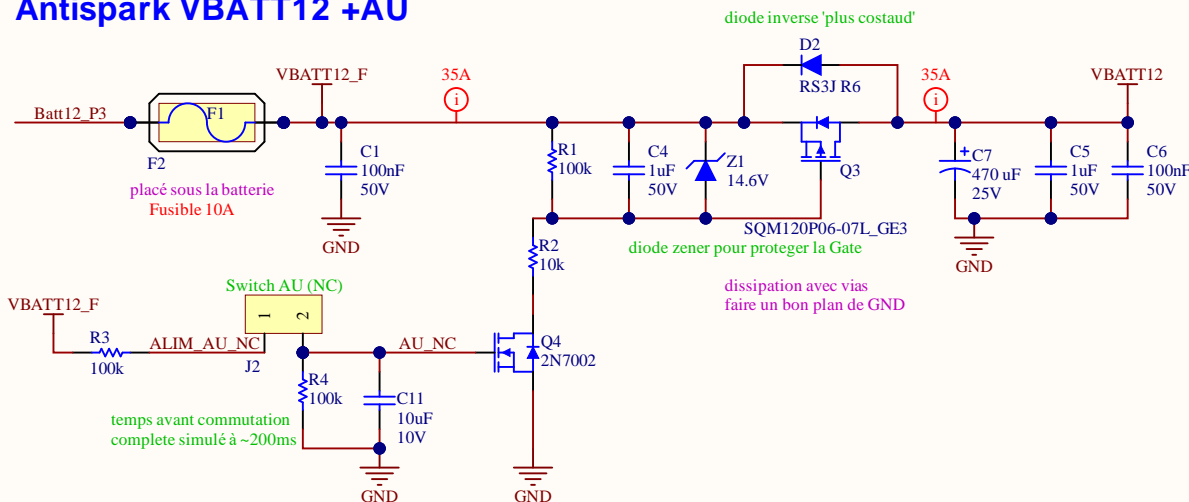
Carte d'interface fond de panier pour un batterie Milwaukee M12-B3, elle sera situé à l'avant du PAMI 2024

Quote: "So little... Lithium"

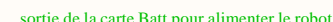
le niveau de batterie est donné par la tension lue par les moteurs (via bus CAN)

le statut de l'AU est donné par l'absence de réponse des moteurs (bus CAN)

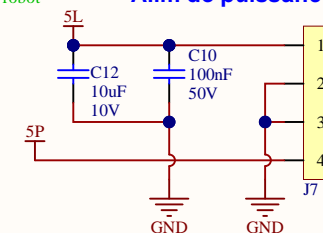
## Antispark VBATT12 +AU



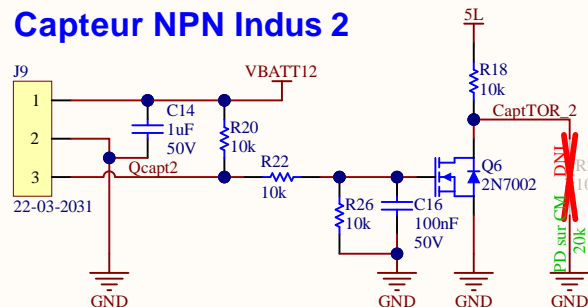
Conn CM



## Signaux de contrôle+I/O



## Capteur NPN Indus 2

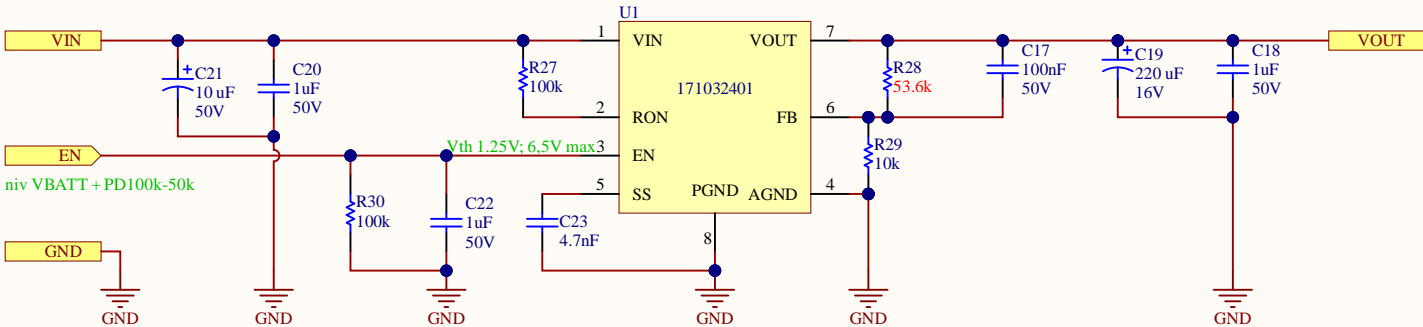


Routing note  
Warning note  
Info note

Title		
<b>Carte Batterie PAMI 2024</b>		
Size	Number	Revision
A4		
Date:	3/30/2024	Sheet of
File:	\\ \Carte Batterie PAMI 2024 SchDoc	Drawn By:

# Buck converter 5,1V 3A

input 6-42V, output 5-24V, 3A based on Wurth 171032401



$$(V_{out}/0.8) - 1 = R_{fbt}/R_{fbb}$$

Vout: 5,0V    Rfbb=5.25xRfbb  
Vout: 5,1V    Rfbb=5.375xRfbb  
Vout: 5,2V    Rfbb=5.5xRfbb

Rfbb=53.6k 1%    Rfbb=53.06k~53.65k  
Rfbb=10k 1%    Rfbb=9.9k~10.1k

Vout nom: 5.09v  
Vout min-max: 5.00~5.14v

Function title

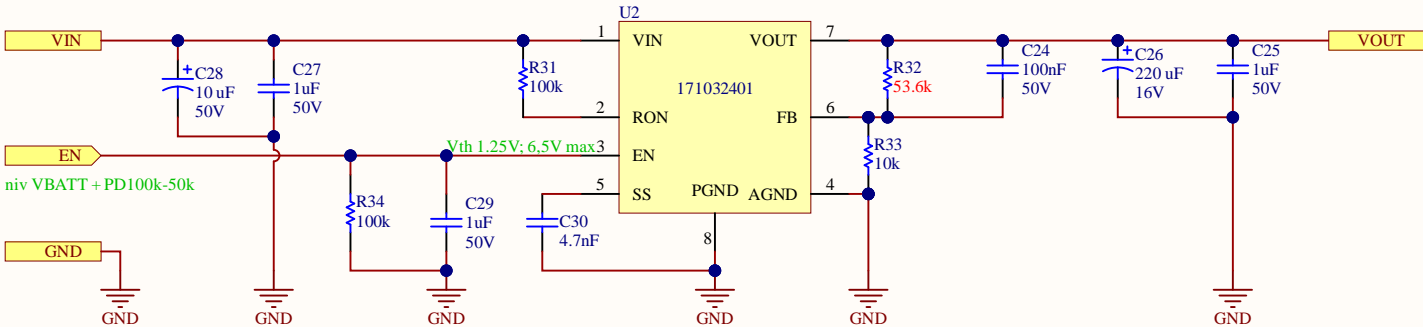
Routing note  
Warning note  
Info note

Carte Batterie (CBatt) 2023

Title		
Size	Number	Revision
A4		
Date:	3/30/2024	Sheet of
File:	\\..\\PWR_5V_3A.SchDoc	Drawn By:

# Buck converter 5,1V 3A

input 6-42V, output 5-24V, 3A based on Würth 171032401



$$(V_{out}/0.8)-1=R_{fbt}/R_{fbb}$$

Vout: 5,0V    Rfbb=5.25xRfbb  
Vout: 5,1V    Rfbb=5.375xRfbb  
Vout: 5,2V    Rfbb=5.5xRfbb

Rfbb=53.6k 1%    Rfbb=53.06k~53.65k  
Rfbb=10k 1%    Rfbb=9.9k~10.1k

Vout nom: 5.09v  
Vout min-max: 5.00~5.14v

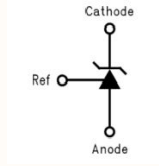
Function title

Routing note  
Warning note  
Info note

Carte Batterie (CBatt) 2023

Title		
Size	Number	Revision
A4		
Date:	3/30/2024	Sheet of
File:	\\..\PWR_5V_3A.SchDoc	Drawn By:

## retro-ingenierie de la carte lipo saver pour l'integrer à la carte batterie



Routing note  
Warning note  
Info note

Title		
<b>Carte Batterie (CBatt) 2023</b>		
Size	Number	Revision
A4		
Date:	3/30/2024	Sheet of
File:	\\.\Lipo Saver Buzzer only.SchDoc	Drawn By: