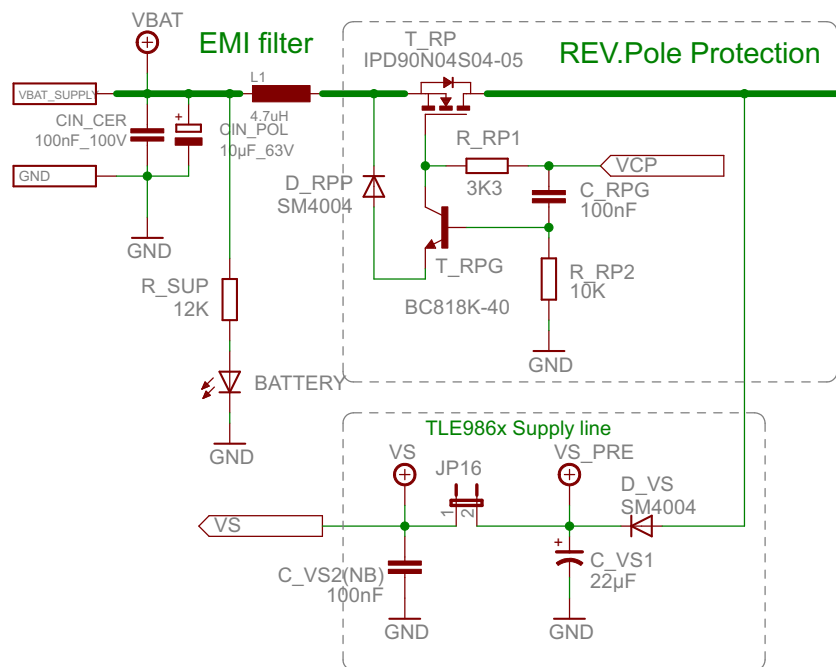
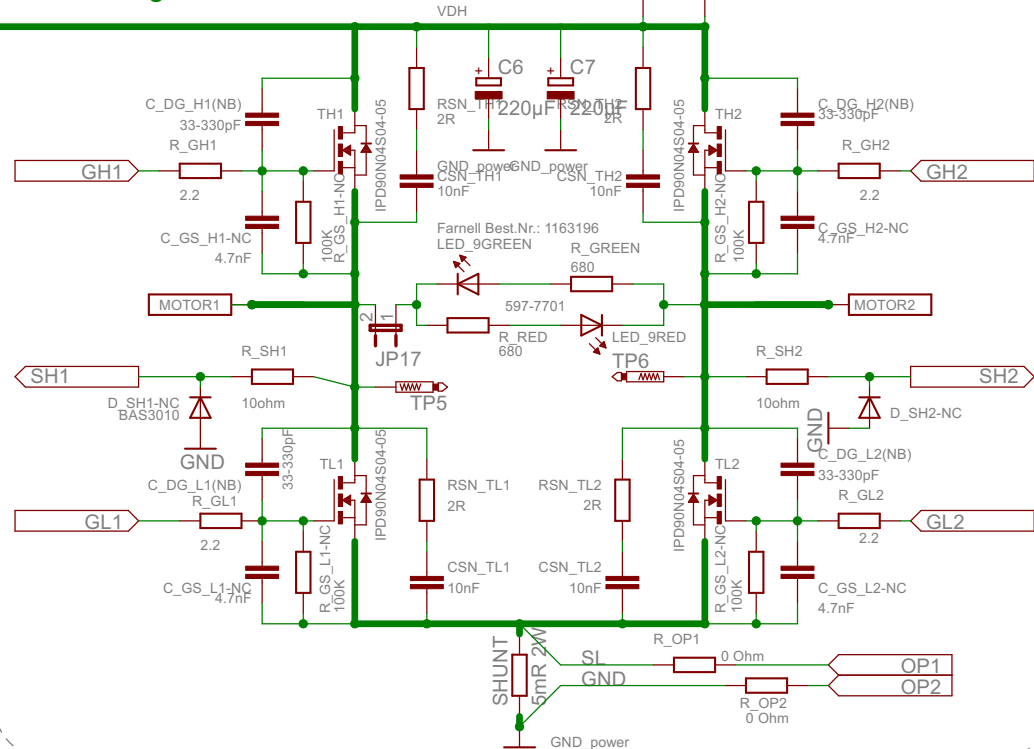


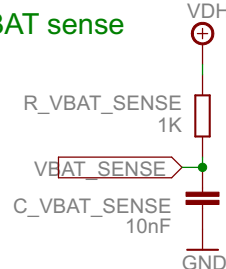
# Power Supply and Power stage Motor Control



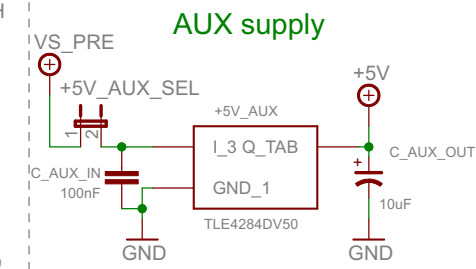
## Power Stage Motor Control



## VBAT sense



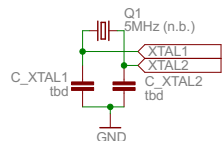
## AUX supply



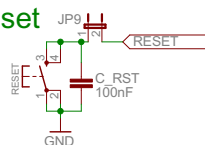
Power section  
Supply  
Sensors

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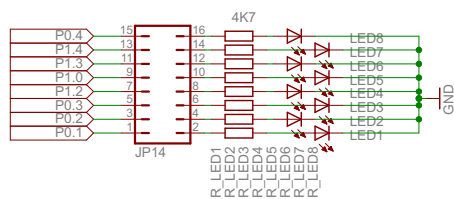
## External Oscillator



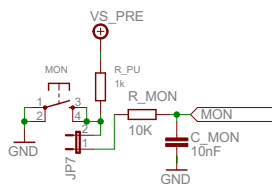
## Reset



## LED's

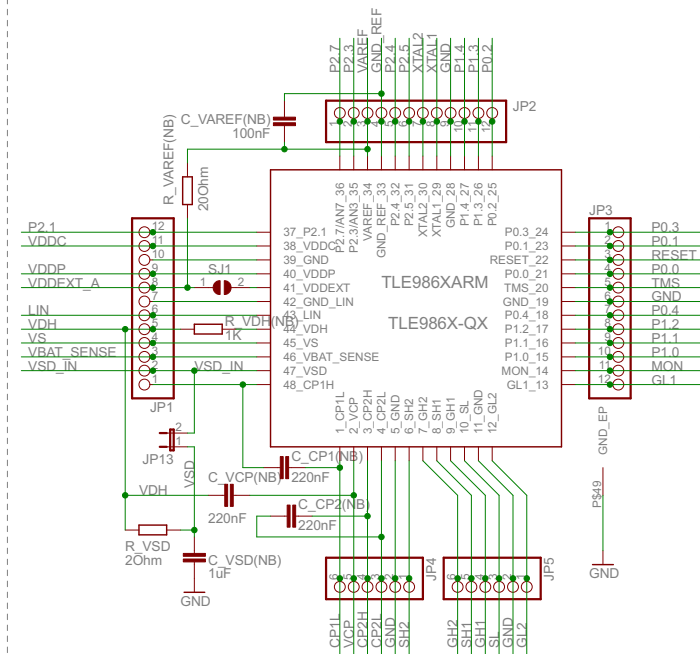


## Monitor Pin

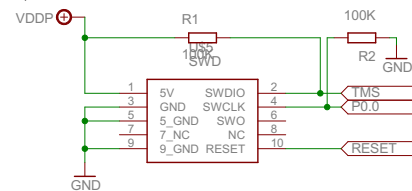


## TLE986x IC

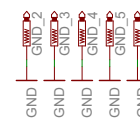
itw Pancon Erg Components  
2.54mm pitch  
[http://www.itwswitches.co.uk/itw\\_products/?productid=38](http://www.itwswitches.co.uk/itw_products/?productid=38)  
Jumper-Switch SPDT  
farnell: 1463725



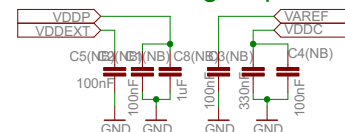
## Debug Interface (SWD)



## Test Points

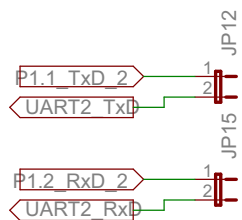


## VR's Blocking Cap.

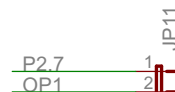


IC's and digital part

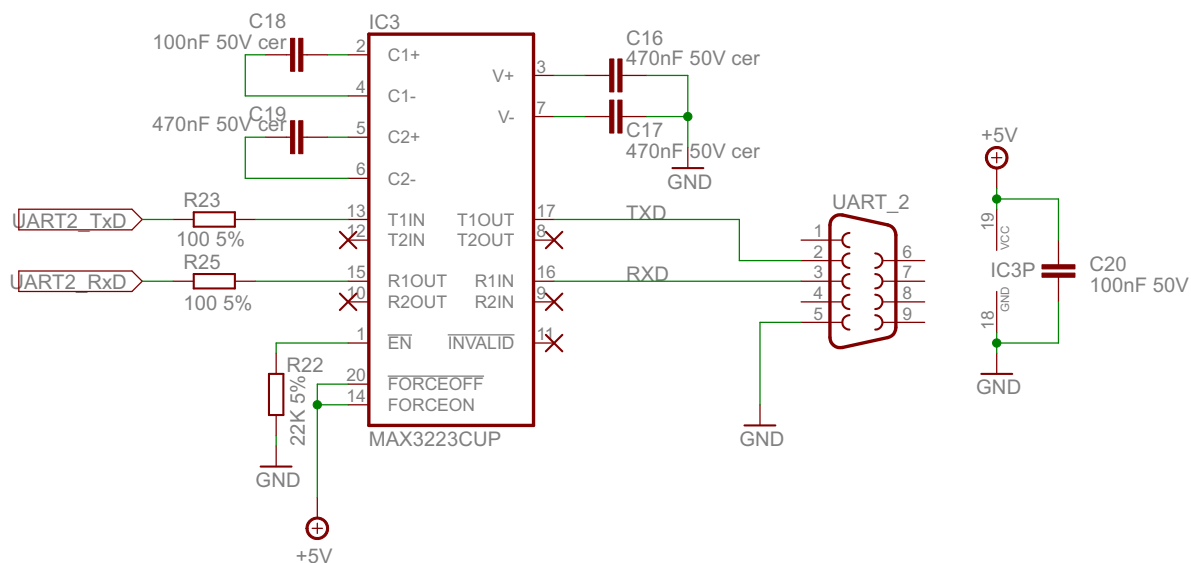
## UART PIN Config



Jumper-Switch with CENTER-OFF  
itw Pancon Erg Components  
[http://www.itwswitches.co.uk/itw\\_erg/products/?productid=38](http://www.itwswitches.co.uk/itw_erg/products/?productid=38)  
Distributor: farnell or rs-components  
2.54mm pitch

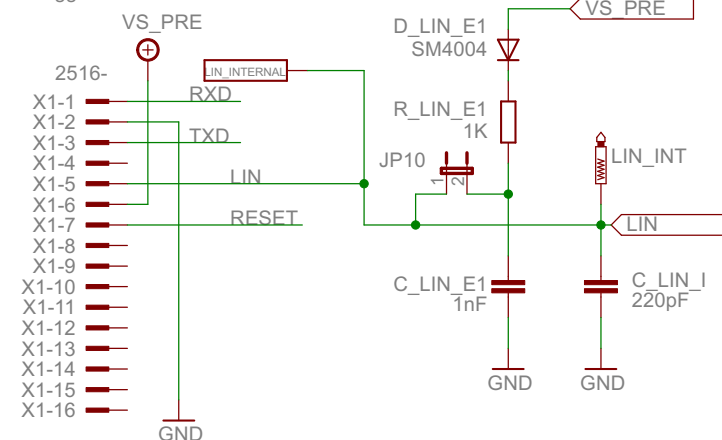


## UART2



## LIN INTERNAL

LIN Wiggler



UART 1: P0.1 TxD\_1, P1.4 RxD\_1  
UART 2: P1.1 TxD\_2, P1.2 RxD\_2

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1		2		3		4		5		6		
Revision		Date		Changes								
A	0.2	03/09/2013		<div>Eval Board new revision: rev1.0</div> <div>Diodes SH1 and SH2 changed with BAS3010</div> <div>4mm Banana connector for LIN</div> <div>Supply for LIN master is VS</div> <div>HS gate driver test point: reference changed to SHx</div> <div>SL to GND connected</div> <div>Removed Temperature sensor circuit</div> <div>New 5MHz Crystal</div> <div>New LIN Connector for LIN-Wiggler</div> <div>Battery Supply LED</div>								A
B											B	
C											C	
D											D	