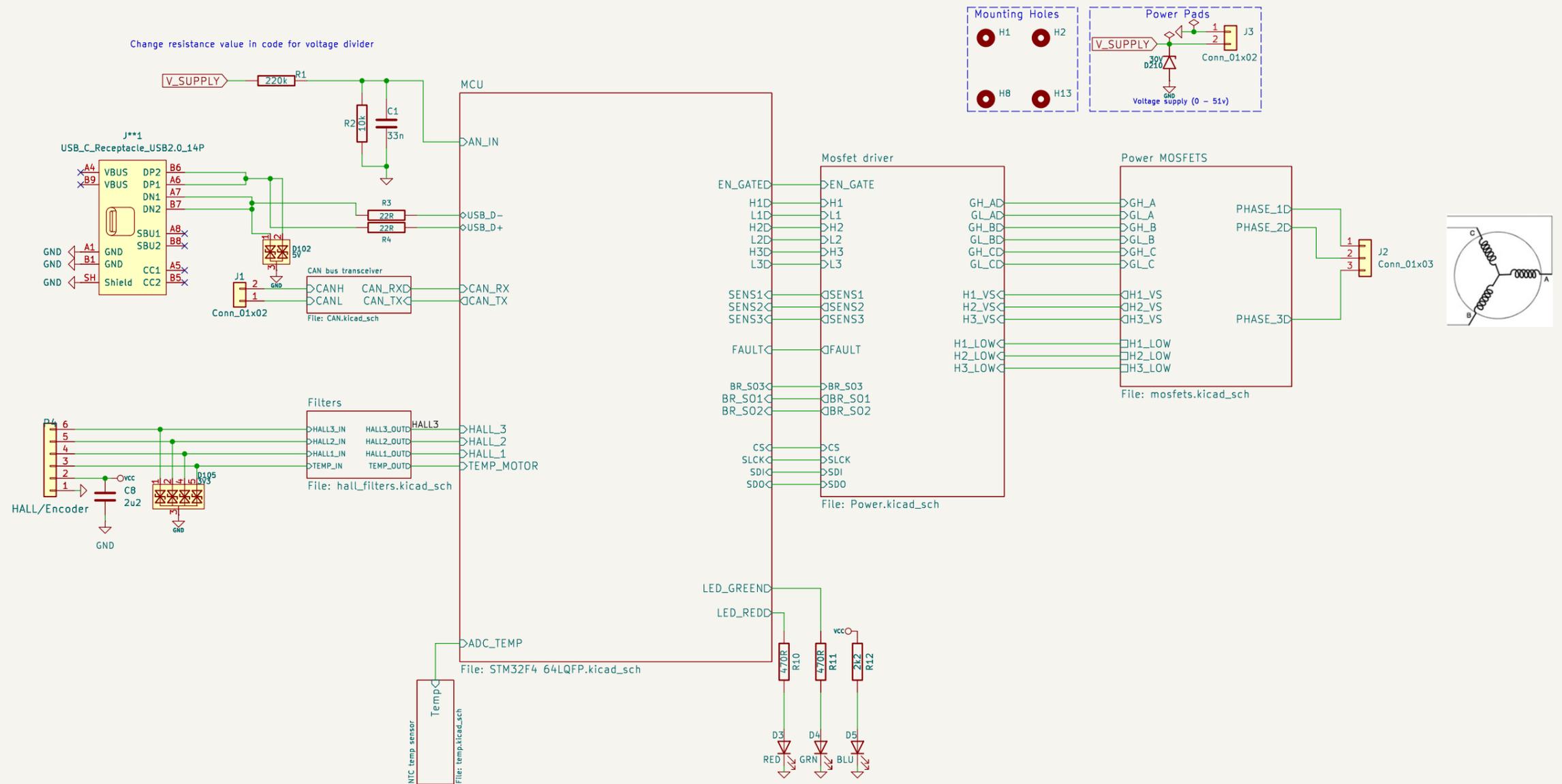
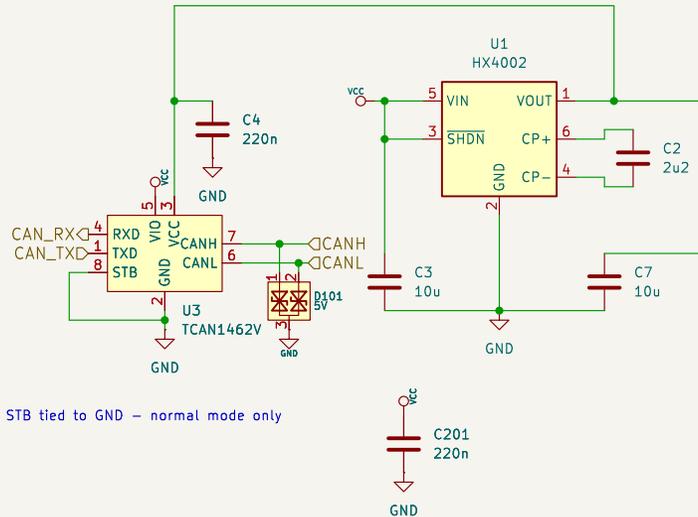


Cheap FOCer 2



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Root		
Shaman Systems		
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Title: Cheap FOCer 2		
Size: A3	Date: 2020-04-08	Rev: 0.9
KiCad E.D.A. 9.0.0		Id: 1/7



Top level

Root

Shaman Systems

Sheet: /CAN bus transceiver/

File: CAN.kicad_sch

Title: Cheap FOCer 2

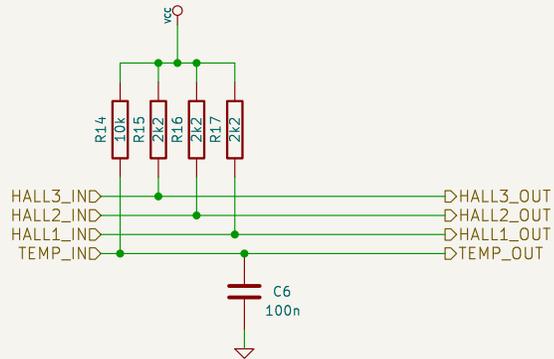
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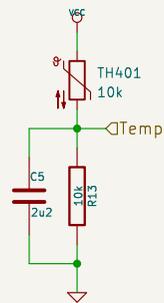
Rev: 0.9

KiCad E.D.A. 9.0.0

Id: 3/7



Top level	
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KiCad E.D.A. 9.0.0	Rev: 0.9 Id: 4/7

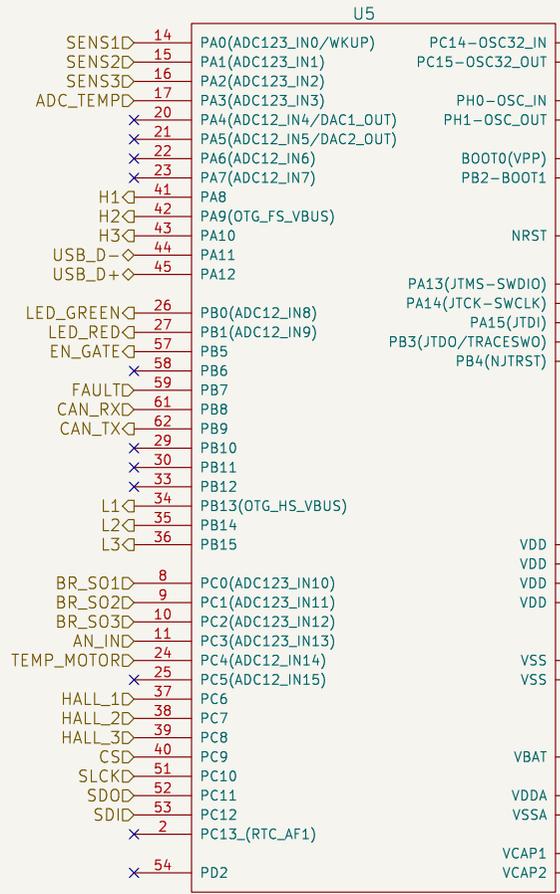


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Size: A4	Date: 2020-04-08
KiCad E.D.A. 9.0.0	Rev: 0.9
	Id: 5/7

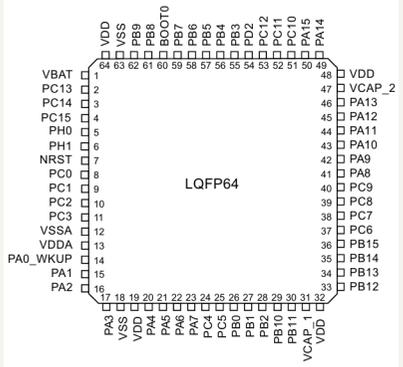
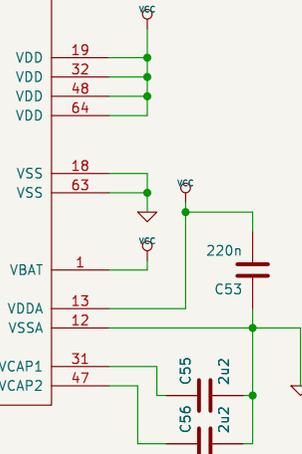
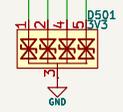
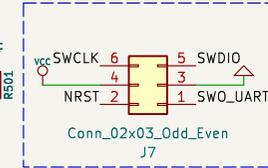
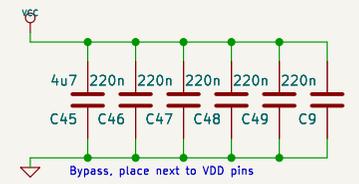
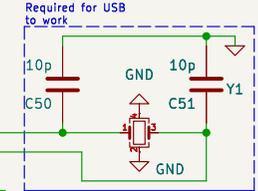


STM32F405xx STM32F407xx

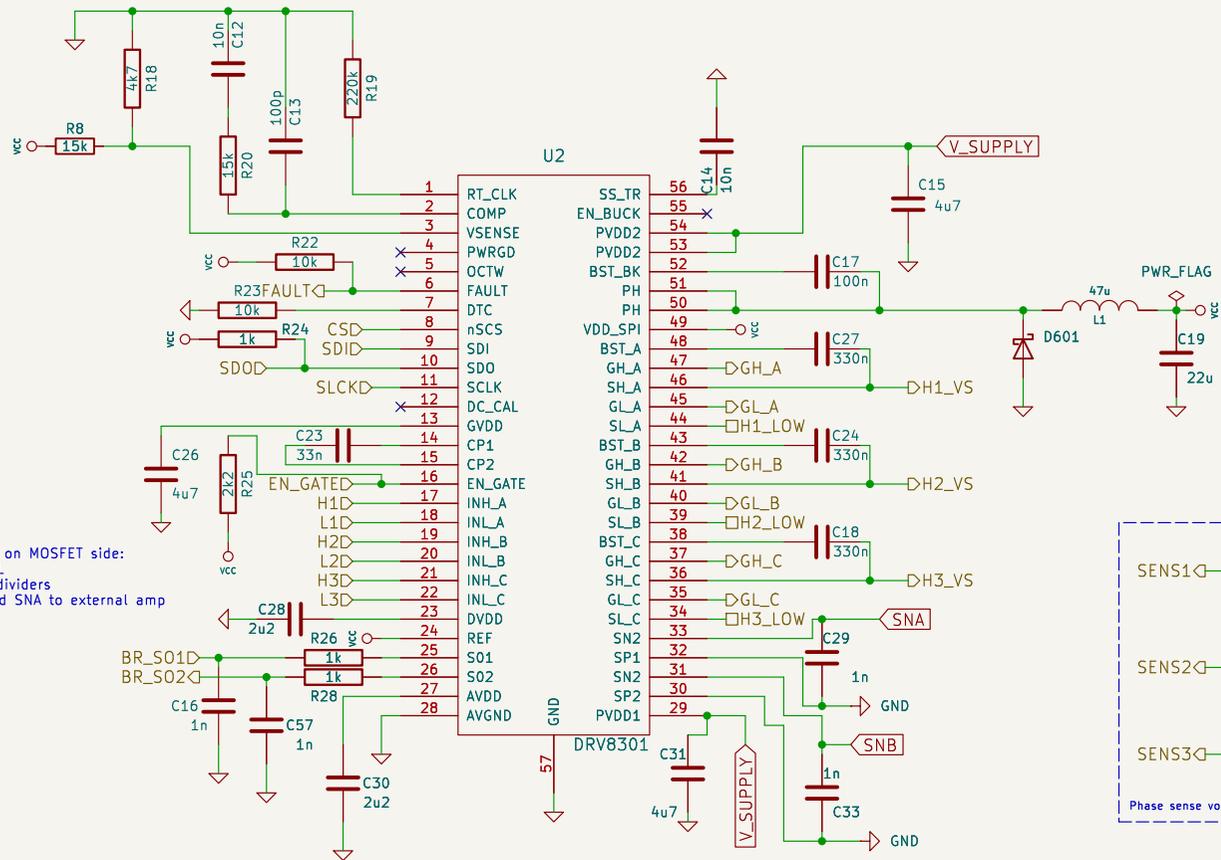
ARM Cortex-M4 32b MCU+FPU, 210DMIPS, up to 1MB Flash/192+4KB RAM, USB
OTG HS/FS, Ethernet, 17 TIMs, 3 ADCs, 15 comm. interfaces & camera



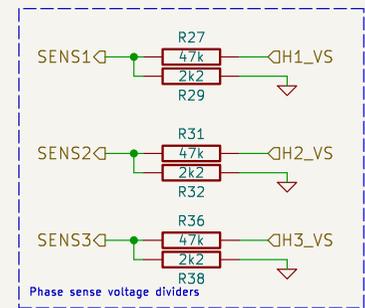
STM32F405RGT6



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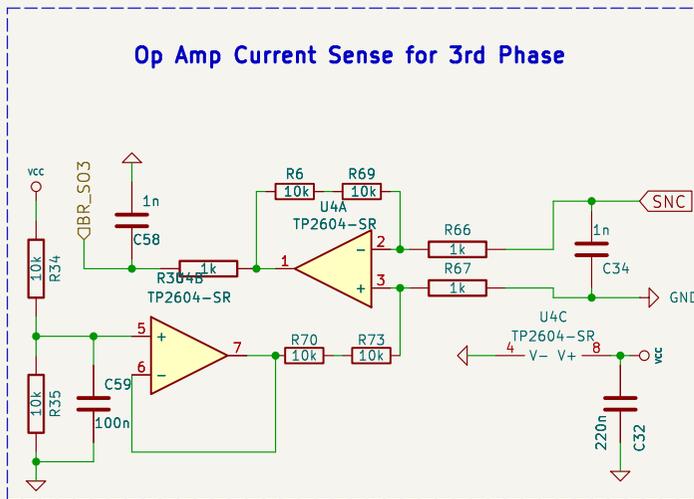


Phase 1 and 3 switched on MOSFET side:
 - Driver BST, GH, SH, GL, SL
 - Phase sense voltage dividers
 - SNC to driver amp and SNA to external amp

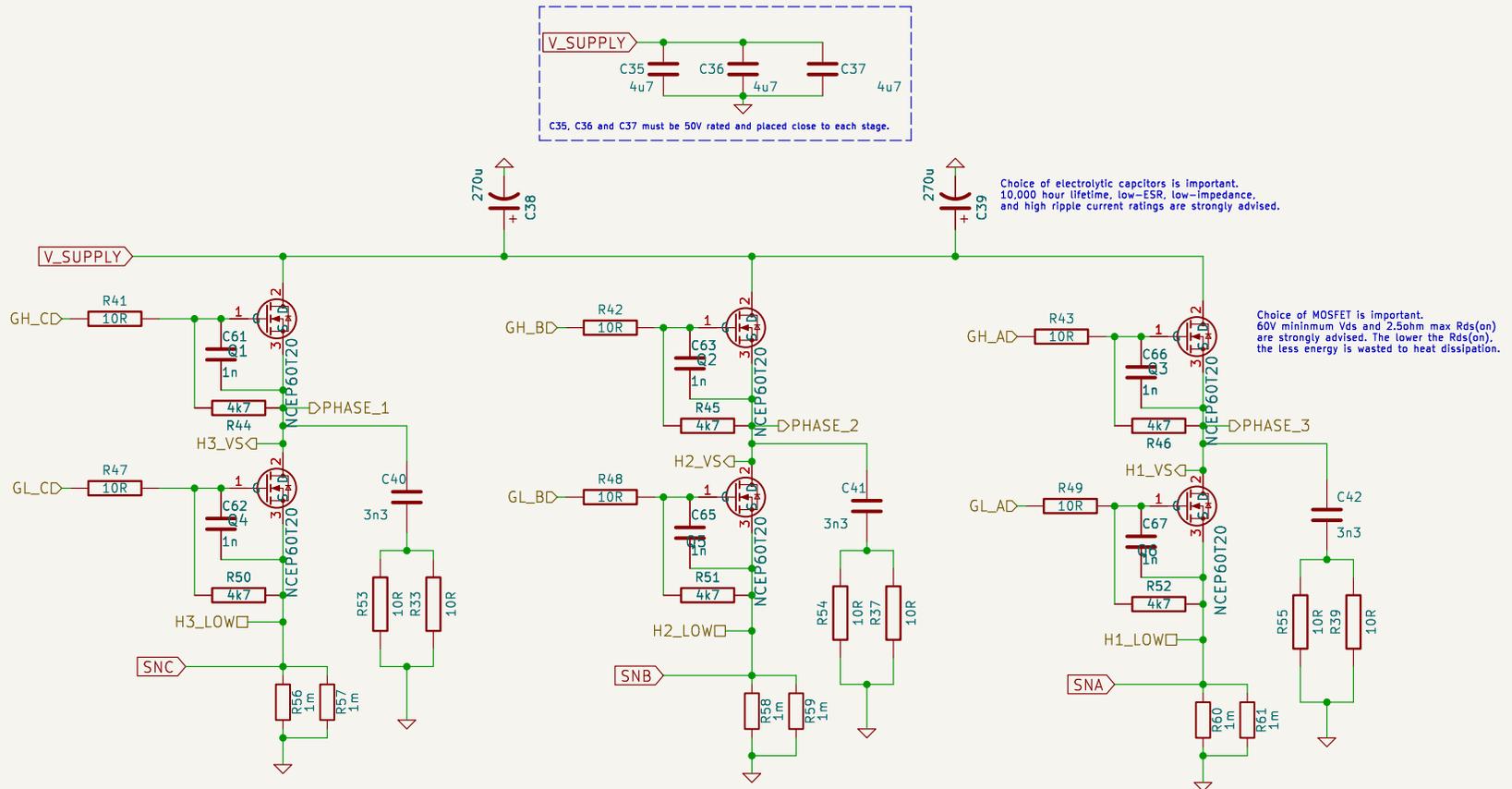


Change resistances used in code for voltage dividers

C15 and C31 must be 50V rated.
 C18, C24 and C27 must be 25V rated.



Top level	
Root	
Shaman Systems	
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Title: Cheap FOCer 2	
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Top level	
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Shaman Systems	
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