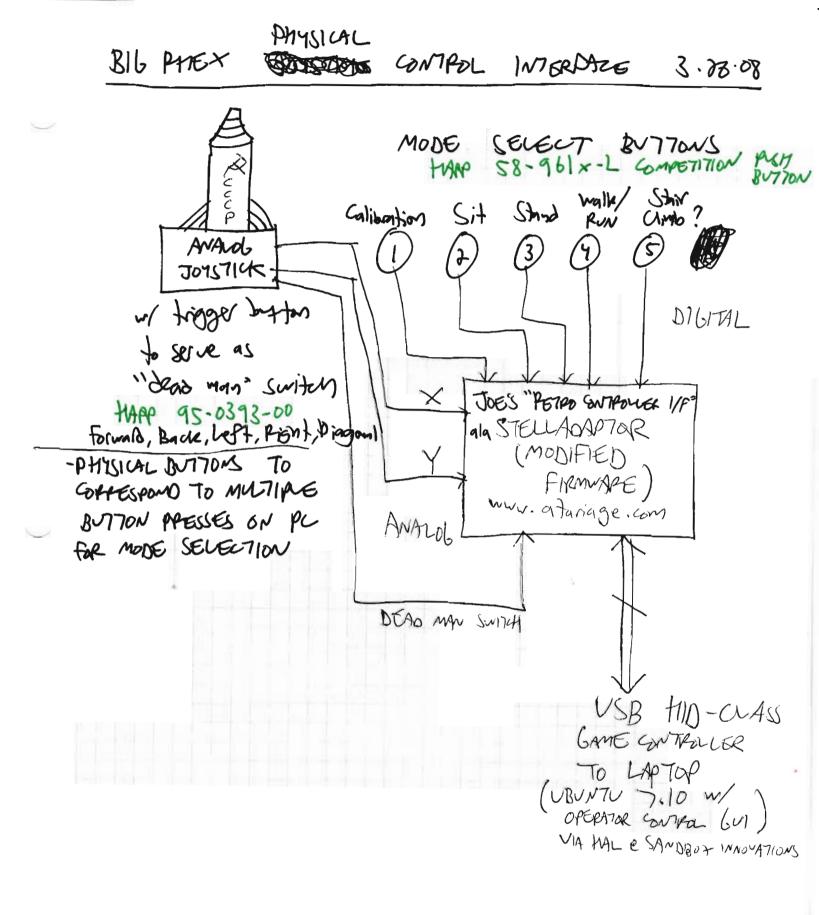
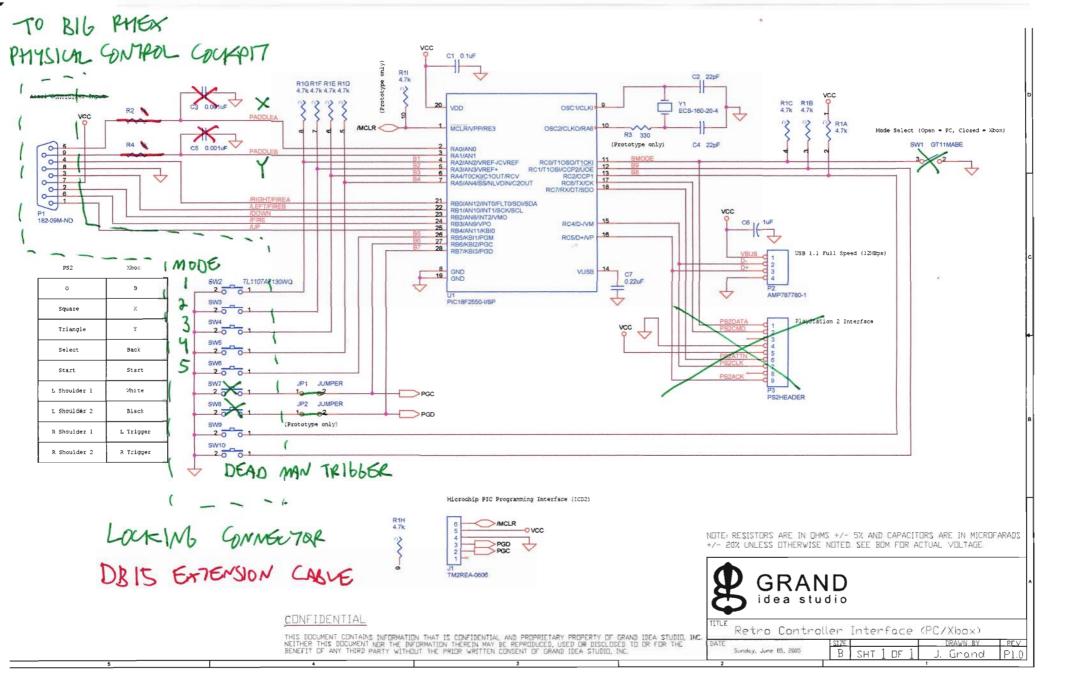
HAL 3.25.08 RHGX TOY CARCASS - aming 3/26 RHEX -everything but power amp bood for motals 0-12V * 6 analog signals-canged fermal soltar across motors via * 6 encoses-zigital madative input amplifies com vite antol abjorthen for PC/04 stock week filmaang - Con work on PC/104 brechy w/ beziero,chc. which is in PHEX Grass wirbad old: QNX PTOS (Con) new: Linux -PCMYA WYCHOS GAR Glibertion an pauls up - bound log to known can figuration -roch encoder country or that oroug - No sensors of pets for absolute -legs crutike backnows mil "fog= hit positiving Sonto Isborn on PC 12 apensource: 1. Gostrol PHer via laptop was wind efferced 2- joystick-> leptop > PHEX 3. endate externes with packy - analog speed Control?



3.27.08 BIG PARS DESIGN MEETING W SPECK Speak batter for PC/107 Stack -- Laptop acessibility? User see screen at all tives topology its for bod-up/Jebg 12-40V impt DC (COSSES Common frond Nimp bottes pace - Ix Zellmit and man Same baffery packens motals, 7x STELLADAPTORS * pypendie / "PETRO CONTROLER 1/F" PCBS NERIFY ENGGER SPEC. W/ HAL HALL SHTAY to kill matag - 3 600A KN matar



2

Rhex Interface

X-Axis : Minimum = 15, Default = 89, Maximum = 180
Y-Axis : Minimum = 3, Default = 77, Maximum = 139
Button #1 : Minimum = 0, Default = 0, Maximum = 1
Button #2 : Minimum = 0, Default = 0, Maximum = 0

X Axis Scaling:
MAX-MIN: 180-15 = 165
Scale 0->165 to 0->255

$$\frac{255}{165} \times 11 = 17 \Rightarrow \text{ value} = \frac{\text{value} \times 17}{11}$$

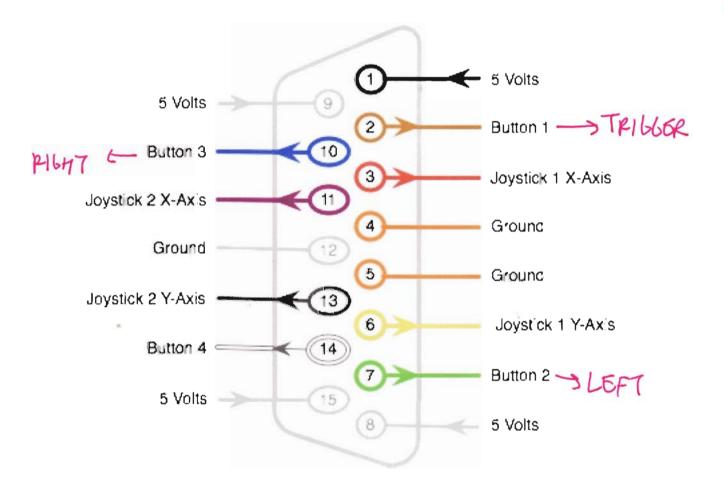
YAXIS SCALING:
MAX-MIN =
$$139 - 3 = 136$$

Scale 0 = 136 to 0 = 255
 $\frac{255}{136} \times 8 = 15 = 7$ value = $\frac{value \times 15}{8}$

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HAPP GNTROLS HEAVY DUTY ANALOG TRIGGER JOYSTICK #95-0393-00

(POTENTIOMETERS MODIFIED FOR O-SV ONTRUT ON XAY)



JOYSTICK CABLE CONNECTOR

DB-15 MALE

Retro Controller Interface (PC/Xbox, PS2) Revised: Wednesday, May 11, 2005 Revision: P1.0

J. Grand

(2)

Bill Of Materials May 11,2005 21:38:48 Page1 Item Quantity Reference Part C1 0.1uF 1 1 22pF 0.001uF 399-4449-1-MD 2 C4,C2 2 C5,C3 C6 C7 1uF 1 0.22uF 1 JUMPER JP1. JF -2 411297-MD 1 J1 TM2REA-0606 P1 182-09M 1 P2 AMP787780-1 PSZHEADER 1 P3 R1 4.7k 1 2 R4,R2 1k R3 330 1 GT11MABE SW1 E67510-ND 1 TL1107AF130WQ 9 SW2, SW3, SW4, SW5, SW6, SW7, SW8, SW9, SW10 -16 PIC18F2550-1/SP 1 U1 ×176-ND or ×1103-ND 1 Y1 ECS-160-20-4

-SOCKET (DIPTEN) ED3178-ND

28

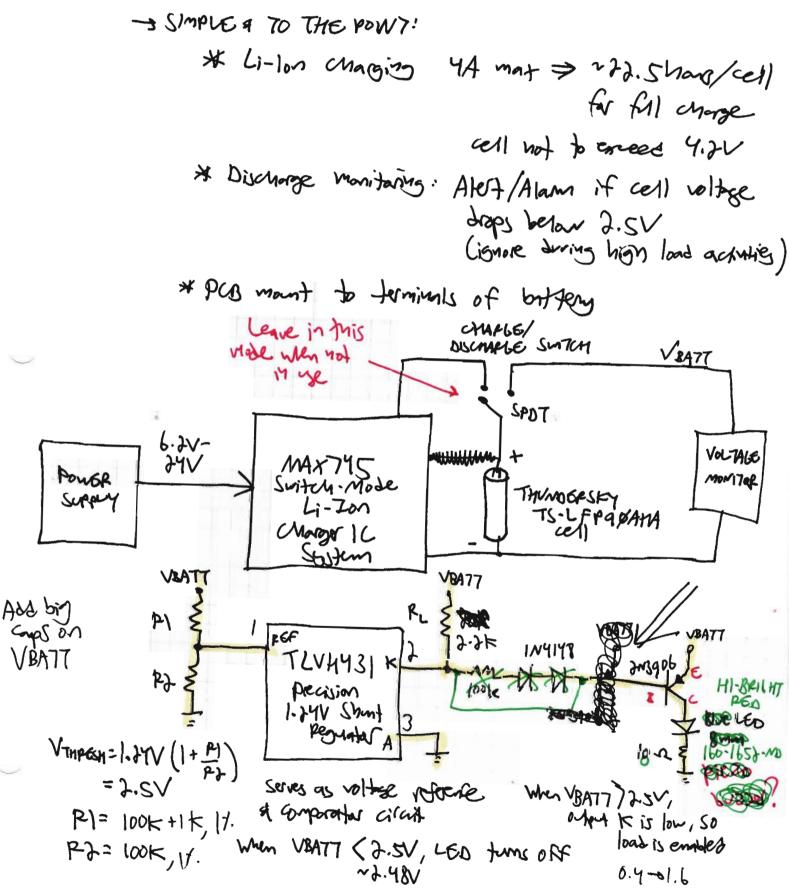
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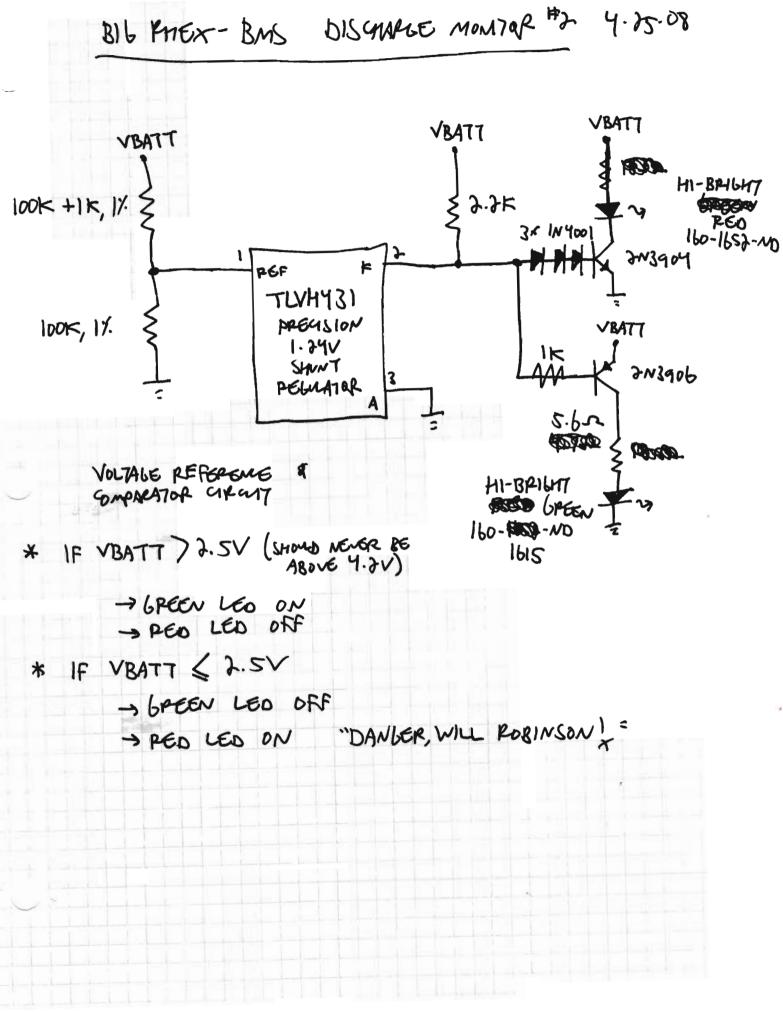
6MD-

4.21.08

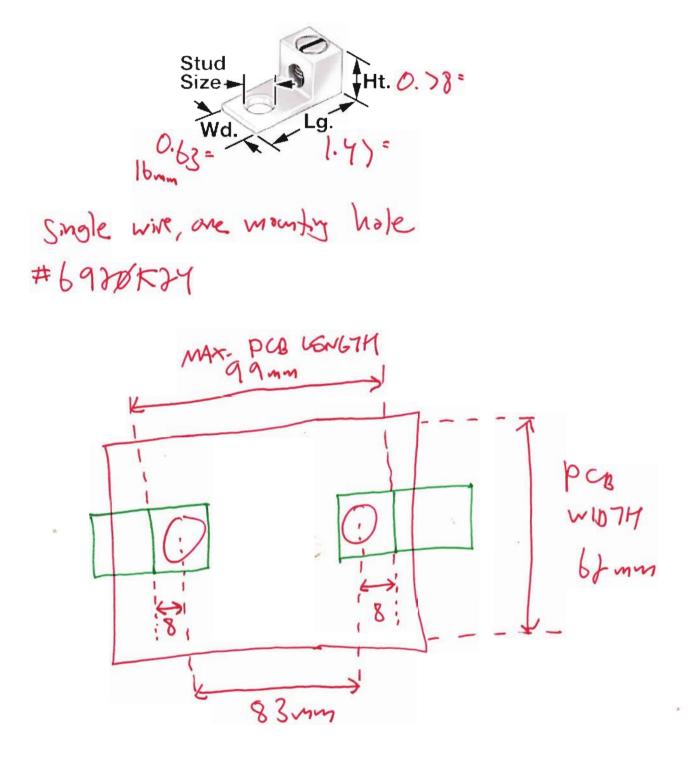
BIG PHEN- LITHIUM IPON PHOSPHIJE BATTOPY MANAGEMENT STITEM



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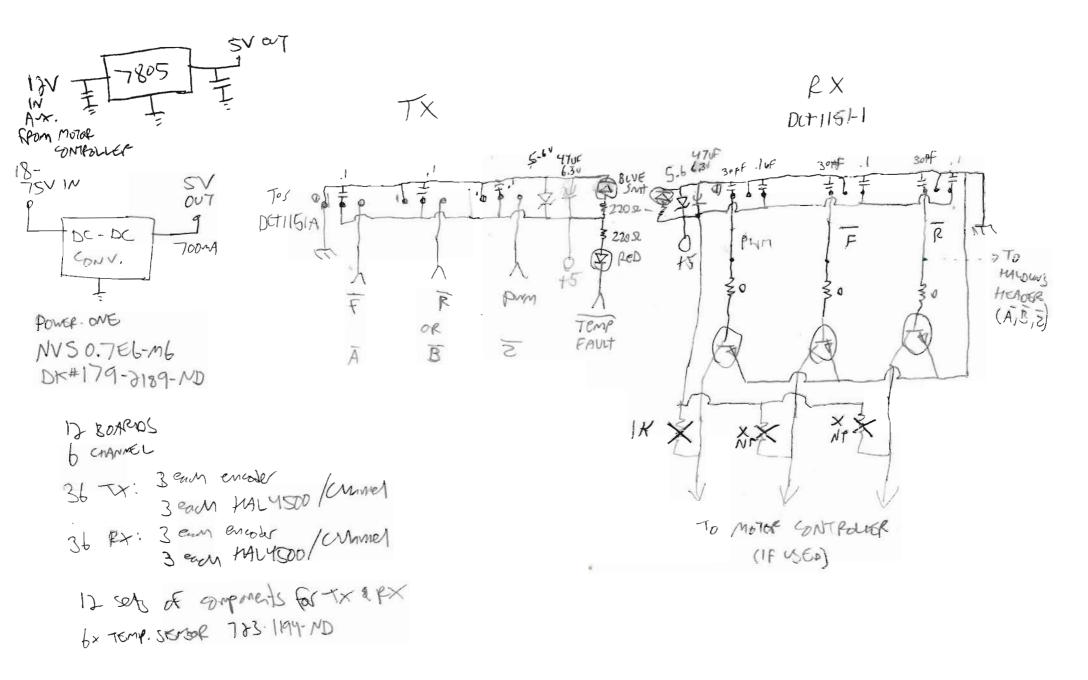


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Quantity	Designator	Description	Value
4	C1, C4, C6, C8	Capacitor, 0805	0.1uF
2	C2, C3	Capacitor, Electrolytic, SMT	150uF
1	C5	Capacitor, 0805	4.7uF ceramic
1	C7	Capacitor, 0805	0.22uF
1	C9	Capacitor, 0805	0.001uF
1	C10	Capacitor, 0805	0.047uF
1	C11	Capacitor, Tantalum, size D	68uF, 20V, low ESR
3	D1, D7, D8	Diode Schottky, MBRS340T3, SMC	
1	D2	High-Bright Red LED, T1 3/4	
1	D3	Diode, 1N4148, SOD-323	
3	D4, D5, D6	Diode, 1N4001, SMA	
1	D9	Red LED, 1206	
1	D10	High-Bright Green LED, T1 3/4	
1	J1	Power Jack, SMT	KLDX-SMT2-0202-A
1	L1	Inductor, CDRH125, SMT	10uH, 4A
1	Q1	Transistor, MMBT3904, SOT23-3	
1	Q2	Power MOSFET, IRF7303, SOIC8	
1	Q3	Transistor, MMBT3906, SOT23-3	
1	R1	Resistor, 0805	24 ohm
4	R2, R4, R6, R13	Resistor, 0805	100k, 1%
2	R3, R10	Resistor, 0805	10k
1	- R5	Resistor, 0805	2.2k
1	R7	Resistor, 0805	270
1	R8	Resistor, 0805	1k
1 💽	R9	Resistor, 0805	1k, 1%
1	R11	Resistor, 0805	5.6 ohm
1	R12	Resistor, 2010	0.05 ohm precision
1	S1	DP3T Slide Switch, Thru-Hole	
1	U1	MAX745, SSOP20	
1	U2	TLVH431, SOT23-3	

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BIG FREX OPTICE COMMUNICATIONS INTERPACE S/16/08

