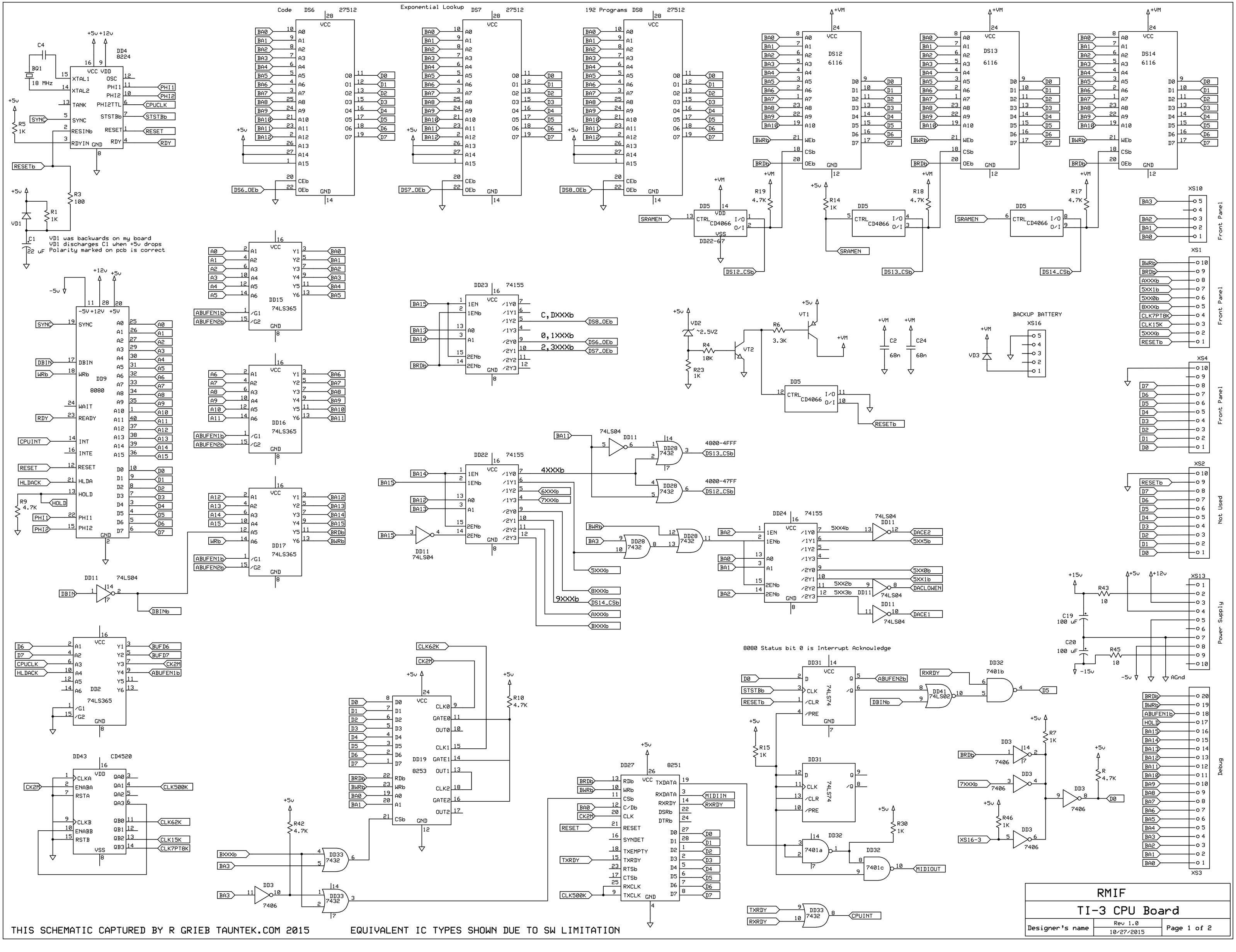
Code DS6 27512
Exponential Lookup DS7 27512
192 Programs DS8 27512
DD4 8224
C4
BQ1
18 MHz
R5 1K
R3 100
R1 1K
VD1
C1
22 uF
VD1 was backwards on my board
VD1 discharges C1 when +5v drops
Polarity marked on pcb is correct
DS6_OEb
DS7_OEb
DS8_OEb
DD12 6116
DD13 6116
DD14 6116
SRAMEN
DS12_CSb
DS13_CSb
DS14_CSb
R19 4.7K
R18 4.7K
R17 4.7K
R14 1K
XS10
XS1
XS4
XS2
Front Panel
Not Used
DD15 74LS365
DD16 74LS365
DD17 74LS365
DD2 74LS365
DD23 74155
DD22 74155
DD24 74155
C,DXXXb
0,1XXXb
2,3XXXb
4XXXb
5XXXb
6XXXb
7XXXb
8XXXb
9XXXb
AXXXb
BXXXb
DS8_OEb
DS6_OEb
DS7_OEb
DS14_CSb
74LS04
DD28 7432
4800-47FF
4000-47FF
DS13_CSb
DS12_CSb
5XX4b
5XX5b
5XX0b
5XX1b
5XX2b
5XX3b
DACE2
DACE1
DACLOWEN
DD9 8080
DD43 CD4520
DD27 8251
DD19 8253
DD31 74LS74
DD41 74LS02
DD32 7401b
DD33 7432
DD3 7406
DD5 CD4066
VD2 ~2.5V2
VT1
VT2
R4 10K
R6 3.3K
R23 1K
C2 68n
C24 68n
VD3
XS16
BACKUP BATTERY
8080 Status bit 0 is Interrupt Acknowledge
R42 4.7K
R10 4.7K
R15 1K
R30 1K
R7 1K
R 4.7K
R46 1K
XS13
Power Supply
R43 10
R45 10
C19 100 uF
C20 100 uF
AGnd
Debug
RMIF
TI-3 CPU Board
Designer's name
Rev 1.0
10/27/2015
Page 1 of 2
THIS SCHEMATIC CAPTURED BY R GRIEB TAUNTEK.COM 2015
EQUIVALENT IC TYPES SHOWN DUE TO SW LIMITATION