ECE315 Lab 2 Winter 2017 Schematic Please use VCC=3.3 Volts for both the encoder and the multiplexor All grounds need to be common Pins for the Tutorial and Lab 1 are included for information only Heartbeat Signal 3 4
5 6 7 8 9 10 11 12 13 14 +3.3V Context Switch Signal LED6 - On-Board 19
LED4 - On-Board 23
LCD CLOCK 25
LCD C D LINE 27
29
31
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LED7 - On-Bo
20
LED7 - On-Bo
22
24
LED8 - On-Bo
30
33
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36
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48
50 U2 10 LED8 - On-Board 74HC257 13 +3.3V 15 OOE Keypad Pin E Keypad Pin F 16 GNDREF GNDREF Y2 Keypad Pin D 15 Y3 Keypad Pin C 14 Υ4 U1 MM74C922 Keypad Pin H X1 XOE Keypad Pin G 10 12 X2 DA Keypad Pin B 8 Х3 OSC Keypad Pin A KBM C1 0.1 uF GNDREF GNDREF Sheet: / File: lab2.sch Title: ECE315 Winter 2017 Lab 2 Size: A4 Date: 2016-12-23 Rev: KiCad E.D.A. kicad 4.0.4-stable ld: 1/1