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|Bill Of Materials for Dechorionator.sch on Fri Feb 07 16:03:19 2014 |

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|Item|Qty |Reference|Part Name |Manufacturer |Description |

|----+---+--------+-------------+-------------+----------------------------|

|1 |1 |U16 |2N7002\_MOSFET | | |

|2 |1 |L1 |47UH\_INDUCTOR | | |

|3 |6 |U6-8 |5MM\_3MM\_SCREW\_| | |

| | |U12-14 |POST | | |

|4 |1 |U1 |ATMEL\_ATMEGA\_3| | |

| | | |28 | | |

|5 |3 |C3-4 C7 |CAP0603,.1uF |IPC SM-782 |SURFACE MOUNT CAPACITOR 0.031|

| | | | |STD. |X 0.061 INCHES |

|6 |1 |C6 |CAP0603,.47uF |IPC SM-782 |SURFACE MOUNT CAPACITOR 0.031|

| | | | |STD. |X 0.061 INCHES |

|7 |1 |C5 |CAP0603,100nF |IPC SM-782 |SURFACE MOUNT CAPACITOR 0.031|

| | | | |STD. |X 0.061 INCHES |

|8 |2 |C1 C10 |CAP0603,10nF |IPC SM-782 |SURFACE MOUNT CAPACITOR 0.031|

| | | | |STD. |X 0.061 INCHES |

|9 |1 |C2 |CAP0603,4.7uF |IPC SM-782 |SURFACE MOUNT CAPACITOR 0.031|

| | | | |STD. |X 0.061 INCHES |

|10 |1 |D1 |CMS04\_DIODE | | |

|11 |1 |Y1 |CSTCE16MOV\_CRY| | |

| | | |STAL | | |

|12 |1 |U10 |FQP30N06L\_MOSF| | |

| | | |ET | | |

|13 |1 |U9 |FT232RL\_USART | | |

|14 |1 |U2 |ICSP\_HEADER | | |

|15 |1 |U11 |LM2675\_5.0 | | |

|16 |1 |U3 |PEC16\_4220F\_EN| | |

| | | |CODER | | |

|17 |2 |R3-4 |RES0603,.1 |IPC SM-782 |SURFACE MOUNT RESISTOR 0.031 |

| | | | |STD. |X 0.061 INCHES, 1/10W |

|18 |1 |R5 |RES0603,1.5k |IPC SM-782 |SURFACE MOUNT RESISTOR 0.031 |

| | | | |STD. |X 0.061 INCHES, 1/10W |

|19 |3 |R2 R6 R16|RES0603,10k |IPC SM-782 |SURFACE MOUNT RESISTOR 0.031 |

| | | | |STD. |X 0.061 INCHES, 1/10W |

|20 |1 |R1 |RES0603,1M |IPC SM-782 |SURFACE MOUNT RESISTOR 0.031 |

| | | | |STD. |X 0.061 INCHES, 1/10W |

|21 |1 |R15 |RES0603,4.7k |IPC SM-782 |SURFACE MOUNT RESISTOR 0.031 |

| | | | |STD. |X 0.061 INCHES, 1/10W |

|22 |1 |U15 |SERIAL\_LCD\_HEA| | |

| | | |DER | | |

|23 |1 |U5 |ST4ETB103\_POTE| | |

| | | |NTIOMETER | | |

|24 |1 |S1 |SWITCH\_TACTILE| | |

|25 |1 |U4 |TI\_DRV8825 | | |

|26 |1 |USB1 |USB\_B\_HEADER | | |

|27 |2 |C8-9 |UWT1V101\_100UF| | |

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