

Bill Of Materials For DebugWire Opto Isolator

Design Title : DebugWire Opto Isolator
Author : Sergey Kozlov
Revision : A
Design Created : 4 èþëÿ 2014 ä.
Design Last Modified : 9 èþëÿ 2014 ä.
Total Parts In Design : 27

10 Resistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	R1, R6	470 0805	
4	R2, R3, R9, R10	510 0805	
1	R4	2k 0805	
1	R5	3k 0805	
1	R7	330 0805	
1	R8	1.1k 0805	

2 Capacitors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	C1, C2	100nF 0805	

2 Integrated Circuits

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
2	U1, U2	6N137	

4 Transistors

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	Q1	BS170	
2	Q2, Q3	BC856A	
1	Q4	BC846B	Digikey BC846BTR-ND

3 Diodes

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	D1	BAT54W	
2	D2, D3	SS16	Digikey SS16FS-ND

6 Miscellaneous

<u>Quantity:</u>	<u>References</u>	<u>Value</u>	<u>Order Code</u>
1	HL1	LED_SMD 0805	
1	HL2	LED_SMD	
2	J1, J2	CONN-DIL6 ISP	
1	J3	CONN-SIL3	
1	J4	TBLOCK-M2	