

Bill of Materials

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Source Data From: ARB Controller.PrjPcb
 Project: ARB Controller.PrjPcb
 Variant: None

Creation Date: 12. 3. 2017 19:40:28
 Print Date: 13-Aug-17 2:20:30 PM

Footprint	Comment	LibRef	Designator	Description	Quantity
Jumper	Jumper	Jumper	*1		1
Harting Conn 6P - pair	CONN6	CONN6	*2		1
DRV8816 - Motor Driver	DRV 8816 - Moto	DRV 8816 - Moto	1, 2	farnell.cz, obj. kód: 2373548	2
CAP 1206	10u	CAP CKS1206 10	C1, C3	CAP10u, farnell.com, Nr. 2320887	2
cap_0805_2013	2.2u	CAP CKS0805 2	C2, C5, C6, C7, C9, C10	CAP2.2u, farnell.com, Nr. 9402152	6
cap_0805_2013	100n	CAP CKS0805 10	C4, C8, C12, C19, C20, C23, C27, C28	CAP 100n, farnell.com, Nr. 2496944, CAP 10	8
cap_0805_2013	1u	CAP	C11, C22	0805 CAP 1u, farnell.com, 2320853	2
cap_0805_2013	1n	CAP	C13, C24, C29	0805 CAP 1n, farnell.com, 2496933	3
cap_0805_2013	0,1uF	CAP	C14, C16, C25, C33	CAP 100n, farnell.com, 2496944	4
CAP_6-3x7-7	100uF	CAP2	C15, C32	Electrolytic capacitor, GME.cz, kód: 908-009	2
CAP_0603	100n	CAP	C17	CAP100n, farnell.com, 2496832	1
cap_0805_2013	680n	CAP	C18, C21	0805 CAP680n, farnell.com, 1358502	2
CAP-case-A	1u	CAP2	C26	CTS 1u/16V SAM-TAJ A 10%, farnell.com, 1	1
CAP_0603	1n	CAP CKS0805 1n	C30, C31, C34, C35	0603 CAP 1n, farnell.com, 1759088	4
SPL04	XINYA SIL0XPZ	CONN4	CONN1	XINYA SIL0XPZ	1
Harting Conn 8P - pair	CONN8	CONN8	CONN2		1
SOD80 (minimelf)	Urrm = 400 V If =	Dioda EGL1G	D1	ES1GL, Farnell.com, Nr. 1559129	1
SOD80 (minimelf)	SCHOTTKY, If =	Dioda BAT43 SM	D2	BAT43 ,farnell.com, Nr. 1751960	1
SOT-363	BAT54TW	BAT54TW	D3, D4, D5, D6	cz.farnell.com, Objednací kód: 1858628	4
FB_0805_2013	BEAD	BEAD	FB1	Ferrite bead, farnell.com, 1838838	1
SO8	CAN 1Mbps	SN65HVD230D	IC1	tme.eu, symbol: SN65HVD230D	1
LQFP48	STM32F103C6	STM32F103C6	IC2	cz.farnell.com, Objednací kód: 2060890	1
LED_0805_red	RED	LED 0805 RED 4	LED1	GME.cz, kód: 960-024	1
DPAK_TO-252AA	LF33CDT DPAK	LF33CDT	LR1	GME.cz, kód: 934-038	1
DPAK_TO-252AA	LF50CDT	LF50CDT	LR2	LF50CDT DPAK, farnell.com, Nr. 2296041	1
RES_0805_2013	0R0	NET_TIE	NT1, NT2	0R0, farnell.com, 9233750	2
Polyswitch 1812	It = 0.3 A	PolySwitch PPTC	PS1	Polyswitch, farnell.com, 2473641	1
RES_0603	100k	RES	R1, R5	0603 R100K, farnell.com, 9233628	2
RES_0603	470R	R0805 510R 5%	R2	0603 R470R, farnell.com, 9331239	1
RES_CURRENT_MEASURE_	0.24R	RES	R3, R6	0.24R, farnel.com nr. 1838675	2
RES_0603	120R	RES	R4	0603 120R, farnell.com, 1652832	1
RES_0603	10k	R0603 10k 1%	R7, R8	GME.cz, kód: 901-399	2
RES_0603	1k	R0603 1k0 5%	R9, R10, R13, R14	0603 R1k, farnell.com, 9233385	4
RES_0603	20k	R0603 20k 1%	R11, R12	GME.cz, kód: 901-651	2
					70

Approved	Notes