

<div><div>Bill of Materials</div><div>Bill of Materials For PCB Document [PCB1.PcbDoc]</div></div>								
Source Data From:		PCB1.PcbDoc						
Project:		PCB1.PrjPcb						
Board Description		Command & Data Handling, Main OBC						
Variant:		None						
Revision:		1.4						
Creation Date:		12/20/2014	7:48 AM					
Digikey PN	Manufacturer	Manufacturer PN	Comment	Description	Designator	Footprint	LibRef	Quantity
			CAP 1uF 10V 0805(2012)	CAP 1uF 10V ±20% 0805 (2012)	C1	CAPC0805(2012)	CMP-1036-04	1
			CAP 22nF 10V 0805(2012)	CAP 22nF 10V ±20% 0805 (2012)	C2, C3, C4	CAPC0805(2012)	CMP-1036-04	3
			CAP 20pF 10V 0805(2012)	CAP 20pF 10V ±5% 0805 (2012)	C5, C6, C7, C10	CAPC0805(2012)	CMP-1036-01	4
			CAP 100pF 10V 0805(2012)	CAP 100pF 10V ±5% 0805 (2012)	C8, C9	CAPC0805(2012)	CMP-1036-01	2
			CAP 10pF 10V 0805(2012)	CAP 10pF 10V ±5% 0805 (2012)	C11	CAPC0805(2012)	CMP-1036-00	1
			CAP 100nF 10V 0805(2012)	CAP 100nF 10V ±20% 0805 (2012)	C12, C13, C14, C15, C17, C18	CAPC0805(2012)	CMP-1036-04	16
			CAP 4.7uF 10V 0805(2012)	CAP 4.7uF 10V ±20% 0805 (2012)	C16, C23, C24, C27, C29	CAPC0805(2012)	CMP-1036-04	5
			CAP 10uF 10V 0805(2012)	CAP 10uF 10V ±20% 0805 (2012)	C22	CAPC0805(2012)	CMP-1036-04	1
A35107-ND	TE Connectivity	1734354-1	DB9 Connector - 1734354-1	CONN D-SUB RCPT R/A 9PC	CAN1	DB9 Connector	DB9 Connector	1
			CAP 10nF 10V 0805(2012)	CAP 10nF 10V ±20% 0805 (2012)	C_1	CAPC0805(2012)	CMP-1036-03	1
609-3695-1-ND	FCI	20021121-00010C4LF	JTAG	ARM JTAG Header (0.05" pitch)	J1	Header_2X5_0	Header_JTAG	1
MH2029-300YCT-ND	Bourns Inc.	MH2029-300Y	MH2029-300Y	Ferrite Choke	L1	0805	MH2029-300Y	1
			7447908	SMD-Multilayer Inductor With Ferrite Core	L2, L3, L4	SMD-0805	CMP-0221-00	3
ED10529-ND	On Shore Technology Inc	302-S401	Header 20X2	Header, 20-Pin, Dual row	P1, P2	HDR2X20	Header 20X2	2
CP-102B-ND	CUI Inc	PJ-102B	3V3 In		P3	Barrel_5.5x9	Power Jack	1
			120R 5% 0805(2012)	120R 0.125W 5% 0805 (2012)	R1	RESC0805(2012)	CMP-1013-00	1
			39R 1% 0805(2012)	39R 0.125W 1% 0805 (2012)	R2, R3	RESC0805(2012)	CMP-1013-00	2
			100K 5% 0805(2012)	100K 0.125W 5% 0805 (2012)	R4, R5, R6, R7, R8	RESC0805(2012)	CMP-1013-00	5
			6K8 1% 0805(2012)	6K8 0.125W 1% 0805 (2012)	R9	RESC0805(2012)	CMP-1013-00	1
			1R 5% 0805(2012)	1R 0.125W 5% 0805 (2012)	R10, R11, R12	RESC0805(2012)	CMP-1013-00	3
3M3221B1-ND	3M	8432-21B1-RK-TP	Socket_PLCC32		S1	Socket_PLCC32	Socket_PLCC32	1
CKN9084CT-ND	C&K Components	PTS645SK43SMTR92 LFS	ERASE	SW-D6-R / SW-DS-S / SW-1	SW1	SW_TAC_6x6	SW-PB	1
CKN9084CT-ND	C&K Components	PTS645SK43SMTR92 LFS	RESET	SW-D6-R / SW-DS-S / SW-1	SW2	SW_TAC_6x6	SW-PB	1
ATSAM3X8EA-AU-ND	Atmel	ATSAM3X8EA-AU	ATSAM3X8E		U1	LQFP144_L	ATML-ATSAM3X8E	1
296-14639-5-ND	TI	SN65HVD233D	SN65HVD233DR	3.3V CAN Transceiver with Slew Rate Control	U2	D8_N	CMP-0315-00	1
1274-1051-ND	Spansion	S25FL208K0RMFI041	S25FL208K0RMFI041	SPI Flash	U3, U4	SOIC8	S25FL208K0RMFI041	2
CTX1218DKR-ND	CTS-Frequency Controls	403C35E12M00000	XTAL_4pin	Crystal 4 pin	Y1	XTAL_3.2x2.5	XTAL_4pin	1
535-9542-1-ND	Abracon Corporation	ABS07-32.768KHZ-T	XTAL_2pin	Crystal 2 pin	Y2	XTAL_3.2x1.5	XTAL_2pin	1