











Bill of Materials

Camera Board

 Source Data From:
 Camera_Board.PrjPcb

 Project:
 Camera_Board.PrjPcb

 Variant:
 None

 Creation Date:
 17/05/2011
 1:54:05 a.m.

 Print Date:
 40680
 40680.07929

Footprint	Comment	LibRef	Designator	Description	Quantity
Diode_0805	LED Red	DL_LED Red	BT_Busy_LED, D3, D4	Red LED 0805	3
DIODE_0805	LED Green		BT_Connect_LED, D1, D2	Green LED 0805	3
0603	1uF		C1, C7	CAP CER 1.0UF 50V X7R 0603	2
	=	603			
0603	10nF	CP_10nF 0603	C2	CAP CER 10000PF 100V X7R 0603	1
0603	100nF		C3, C4, C8, C9, C10, C11	CAP CER .10UF 50V X5R 0603	6
6032	CP_TANT_33uF	CP_TANT_33UF _20V	C5	CAP TANT 33UF 20V 10% SMD	1
1206	100uF 6V3	CP_CER 100uF_1206_6V 3	C6	100uF 6.3V 1206 multi-layer ceramic capacitor	1
CONN_4X1_ SMT_RA_1.2 5MM	4 Pin Header	JP_4PIN HDR_SMT_RA_ MOLEX_1	Camera_connector	CONN HDR VERT 4POS .100" SNGL	1
918510x323	Comms	Header 10	H1	Header, IDC 10-Pin	1
0805	IN_FERRITE CHIP 120 OHM 800mA 0805	IN_FERRITE CHIP 120 OHM 800mA 0805	L1	FERRITE CHIP 120 OHM 800mA 0805	1
WE-PD	10uH	IN_10uH 2A SMT	L2	INDUCTOR POWER 10UH 2.0A SMD	1
	ATXMEGA16A4- AU	ATXMEGA16A4- AU	MCU1		1
HDR1X11	Header 11	Header 11	P4, P5, P6, P7	Header, 11-Pin	4
HDR2X3	Header 3X2	Header 3X2	P11	Header, 3-Pin, Dual row	1
HDR1X2	Header 2	Header 2	P12	Header, 2-Pin	
SOT-23	ZXM61N02F		Q1	20V N-channel enhancement mode MOSFET	1
SOT23	ZXM61P02F	TF_ZXM61P02F	Q2	20V P-channel enhancement mode MOSFET	1
0603	10k	RS_10k 0603	R1, R6, R10, R11, R12, R13, R14, R15, R16	RES 10.0K OHM 1/10W 1% 0603 SMD	9
0603	330R	RS_330R 0603	R2, R3, R4, R5, R7	RES 330 OHM 1/10W 1% 0603 SMD	5
0603	68R	RS 68R 0603	R8	RES 68 OHM 1/10W 1% 0603 SMD	
0603	180R	RS_180R 0603	R17, R19, R20, R21, R22, R23, R24, R25	RES 1800HM 1/10W 1% 0603 SMD	8
0603	680R	RS 680R 0603	R18	RES 680 OHM 1/10W 1% 0603 SMD	1
FSM2JSMA	FSM2JSMA	SW_FSM2JSM	S1	DPST SMD Switch	1
SOT-23- TT3_N	MCP130T- 300I/TT	MCP130T- 300I/TT	U1	Microcontroller Supervisory Circuit with Open Drain Output, 3-Pin SOT-23, Industrial Temperature, Tape and Reel	1
TSSOP- 14_PW	IC_TXB0104PW R	IC_TXB0104PW	U2	IC VOLT-LEVEL TRANSLATOR 14TSSOP	1
HDSM-541C	HDSM-541C	HDSM-541C	U3	2 character 7 segment display	1
DBV005	TPS73133	IC_TPS73133	U4	150mA 3.3V linear regulator with 30mV dropout	1
SOP127P780 X200-16N	SN74LS47	SN74LS47	U5	SN74LS47	1
Approved		Notes			60
X200-16N Approved		Notes			