

Bill of Materials			Bill of Materials For PCB Document [FILR.PcbDoc]		
Source Data From:		FILR.PcbDoc			
Project:		FILR.PrjPcb			
Variant:		None			
Creation Date:		20/07/2016 16:01:03			
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Footprint	Comment	LibRef	Designator	Description	Quantity
CAP_0603_SMD	4.7uF	Cap	C1	Capacitor	1
CAP_0402_SMD	0.1uF	Cap	C2, C3, C7, C8, C9, C11, C13, C14, C20, C26, C27, C28, C29	Capacitor	13
CAP_0603_SMD	0.22uF	Cap	C4	Capacitor	1
CAP_0603_SMD	10pF	Cap	C5, C6, C17	Capacitor	3
CAP_0603_SMD	1uF	Cap	C10, C25	Capacitor	2
CAP_0603_SMD	2.2uF	Cap	C12, C18, C19	Capacitor	3
CAP-SMD-0805	10uF	Cap	C15, C16, C21, C22, C23, C24	Capacitor	6
DIO_0402_SMD	Diode	Diode	D1		1
HDR1X3	JLINK_Debugger	JLINK_Debugger	H1		1
MICRO-USB	Micro-USB	Micro-USB	J1		1
HDR_1X2	Header 2	Header 2	J2	Header, 2-Pin	1
INDC_2520_SMD	4.7uH	Inductor	L1	Inductor	1
INDC_2520_SMD	10uH	Inductor	L2	Inductor	1
SOT-23B_N	PNP	PNP	Q1	PNP Bipolar Transistor	1
RES_0603_SMD	22	Res2	R1	Resistor	1
RES_0603_SMD	2.2K	Res2	R2, R3, R4, R24	Resistor	4
RES_0402_SMD	10K	Res2	R5, R21, R23	Resistor	3
RES_0603_SMD	100K	Res2	R6, R7, R10, R13, R16, R18, R20	Resistor	7
RES_0603_SMD	649K	Res2	R8	Resistor	1
RES_0603_SMD	332K	Res2	R9	Resistor	1
RES_0603_SMD	102K	Res2	R11	Resistor	1
RES_0603_SMD	510K	Res2	R12	Resistor	1
CAP-SMD-0805	1.87K	Res2	R14	Resistor	1
RES_0603_SMD	2M	Res2	R15	Resistor	1
RES_0603_SMD	806K	Res2	R17	Resistor	1
RES_0603_SMD	10K	Res2	R19, R22	Resistor	2
SW-B3U-3000P	KEY	KEY	SW1, SW2, SW3		3
SOT23-5	TPS2829	TPS2829	U1, U2, U9, U10, U11, U12		6
HMC2883_QFN_16	HMC5883L	HMC5883L	U3		1
DSBGA_8PIN	TMP007	TMP007	U4		1
FLIR_CAMERA_SOCKET	1050281001	1050281001	U5		1
QFPN_48	STM32F411CE U6	STM32F411CE U6	U6		1
QFN_20	LTC3553-2	LTC3553-2	U7		1
RT6150A_SON_10PIN_3X3	RT6150A	RT6150A	U8	3*3	1
1_8_TFT_18PIN_NO_PC	1_8_TFT_ST7735S_18PIN_NOPCB	1_8_TFT_ST7735S_18PIN_NOPCB	U13		1
14.31818_MHZ	XTAL	XTAL	Y1		1
25MHZ_ASEMB	25MHZ	25MHZ	Y2		1
					78
Approved		Notes			