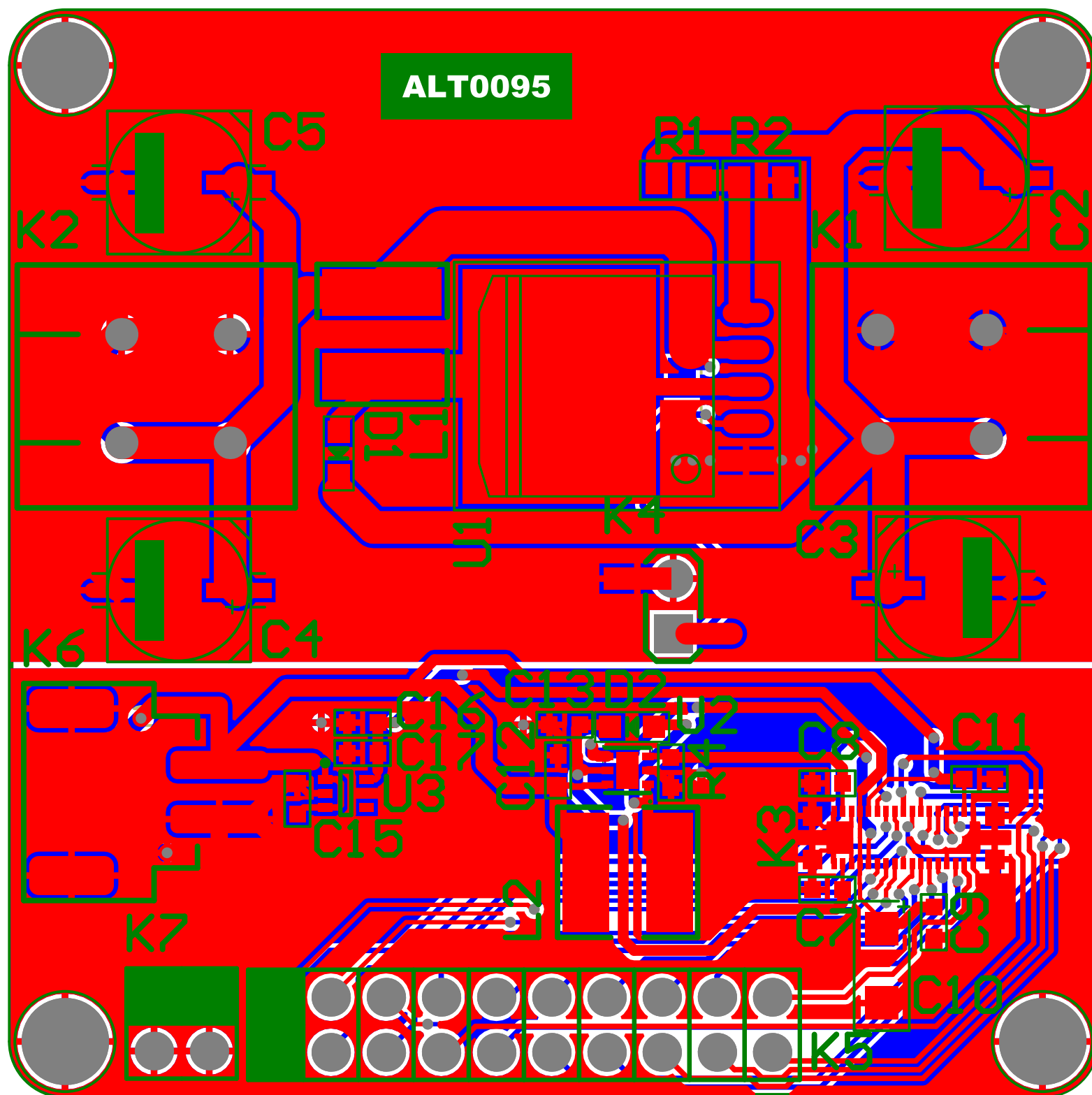


Sheetname <i>General Overview</i>			<i>XL6009 Breakout</i>		Revision: <i>A</i>
Size: <i>A4</i>	Project ID: <i>ALT0095</i>		<i>Robbe's Workshop</i> <i>Robbe Van Assche</i>		
Date: <i>24/03/2016</i>	Time: <i>18:03:47</i>	Sheet <i>1</i> of <i>1</i>			
File: <i>D:\Github\Altium\ALT0095 - XL6009 breakout REV A\General Overview.SchDoc</i>					



Comment	Description	Designator	Footprint	LibRef	Quantity
100nF	CAPACITOR 0805 CERAMIC	C1, C6	0805C-TBD	Passives_Capacitors_ 0805_100nF-25V- X7R-MUR	2
10uF-50V	GENERIC CAPACITOR POLARISED	C2, C3, C4, C5	PANACAP-D- GENERIC	Passives_Capacitors_ Elco_SMD_PANACAP- 10UF-50V-FK	4
56pF	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C7, C8	0603C-TBD	Passives_Capacitors_ 0603_TBD	2
100nF	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C9, C11	0603C-TBD	Passives_Capacitors_ 0603_TBD	2
1206 10u16V TANT		C10, C14	1206C+_TANTAL- 10u16V	Passives_Capacitors_ Tantalum_1206C- TANTAL SIZE A- 10u16V	2
1uF	CAPACITOR 0603 CERAMIC	C12, C13	0603C-GENERIC	Passives_Capacitors_ 0603_1UF-25V-X5R- SAM	2
100nF	CAPACITOR 0603 CERAMIC	C15, C16	0603C-GENERIC	Passives_Capacitors_ 0603_100NF-25V- X7R-TDK	2
2u2	CAPACITOR 0603 CERAMIC	C17	0603C-2U2	Passives_Capacitors_ 0603_2U2-6V3-X5R- MUR	1
BAT20	Schottky Diode SOD323 1A 23V	D1	SOD323	BAT20-SOD323	1
PMEG4010	Schottky Diode SOD323 1A 40V	D2	SOD323	PMEG4010CEJ	1
KF235-5.0-2p		K1, K2	KF235-5.0-2p	Connector_Terminal_ THT_KF235-5.0-2p	2
AXE534124	Sony Vivaz LCD connector	K3	AXE534124	AXE534124	1
Connector_Headers_ SMD_M_2x1	SMD Header 2x1	K4	Header_Male_2.54 2x1_COMBO	Connector_Headers_ SMD_M_2x1	1
2x10		K5	HEADER-2X10	Connector_Headers_ THT_2X10	1
Connector_XH_SMD_ 2p_POWER		K6	2.54_2p	Connector_XH_SMD_ 2p_POWER	1
Connector_Headers_ THT_2X2		K7	HEADER-2X2	Connector_Headers_ THT_2X2	1
22uH	CD54	L1, L2	CD54	CD54_22uH	2
MOUNTING_small	MOUNTING HOLE - NON INSTALLABLE	M1, M2, M3, M4	MOUNTING M3 small	MOUNTING_small	4
TBD	RESISTOR 0805 VALUE TO BE DETERMINED	R1, R2	0805R-TBD	0805R-TBD	2
10K	RESISTOR 0805 1/4 WATT THIN FILM	R3	0805R-10K	0805R-10K	1
5R1	GENERIC RESISTOR 0603	R4	0603R-GENERIC	0603R-5K1	1
XL6009	Boost / Buckboost converter	U1	TO263-5	XL6009	1
AP5724	Backlight LED driver	U2	U-DFN2020-6	AP5724	1
ZXCL280H5TA	2V8 LDO	U3	SOT65P210X100-5L	ZXCL280H5TA	1