K3 -> FILTER IN
K4 -> FILTER OUT

K1
GND
1
2
Connector_XH_SMD_2p

GND
3V3
GND

3V3
C1 10uF
C2 100pF
GND

3V3
R1 1K
D1 0805
GND

RF_IN
K2
GND
SMA_EL

K3
SMA_EL
GND

GND
K4
SMA_EL

3V3
R4 100K
C5 100nF
R8 100K
K7
GND
SMA_EL
GND

K5
3
2
1
3V3
R6 1K
GND
3x1
GND

U1
SHDN
GND
VOUT
RFin
PCAP
VCC
1
2
3
6
5
4
LTC5507

R2 0R
C3 330nF
C7 330nF
3V3
C9 10uF
C10 100pF
GND

R10 0R
K9
SMA_EL
C13 TBD
GND
GND

R3 0R
C4 330nF
C8 330nF

3V3
R5 100K
C6 100nF
R9 100K
K8
GND
SMA_EL
GND

K6
3
2
1
3V3
R7 1K
GND
3x1
GND

U2
SHDN
GND
VOUT
RFin
PCAP
VCC
1
2
3
6
5
4
LTC5507

R11 0R
K10
SMA_EL
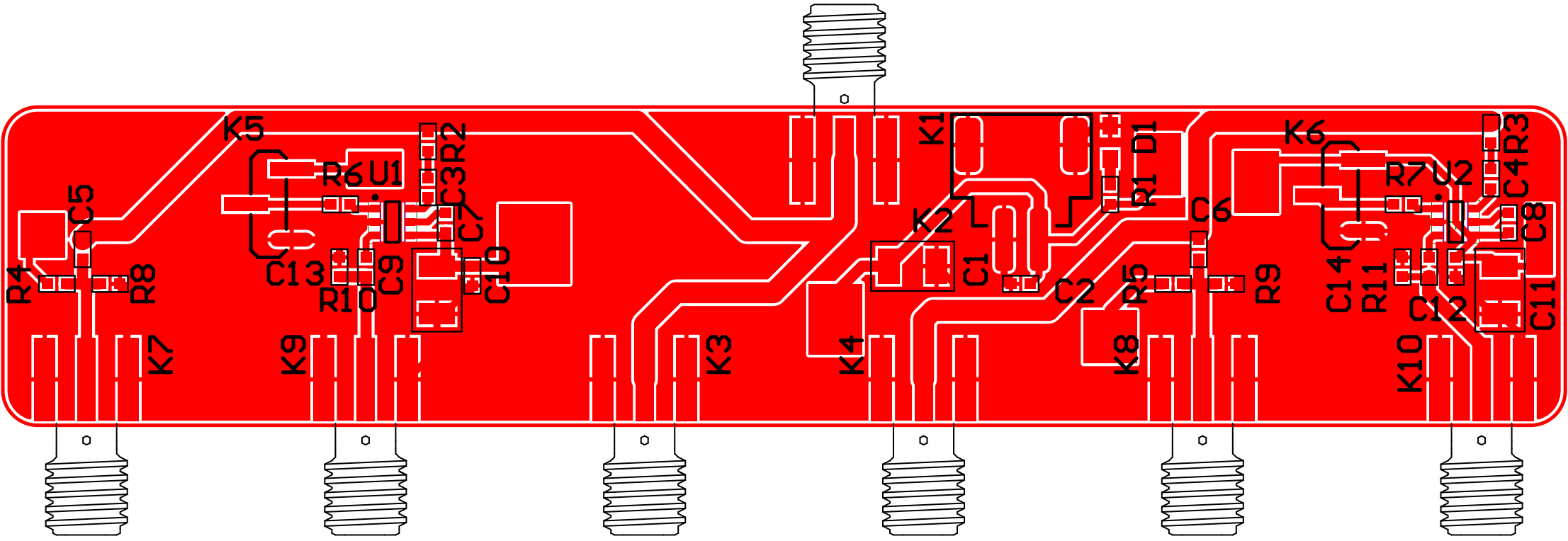C14 TBD
GND
GND

3V3
C11 10uF
C12 100pF
GND

Sheetname *General Overview*

LTC5507 filtertester

Revision: A

Size: A4
Project ID: ALT0080
Robbe's Workshop   Robbe Van Assche

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Comment	Description	Designator	Footprint	LibRef	Quantity
10uF	CAPACITOR 1210 CERAMIC VALUE TO BE DETERMINED	C1, C9, C11	1210C-GENERIC	Passives_Capacitors_1210_1210C-TBD	3
100pF	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C2, C10, C12	0603C-TBD	Passives_Capacitors_0603_TBD	3
330nF	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C3, C4, C7, C8	0603C-TBD	Passives_Capacitors_0603_TBD	4
100nF	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C5, C6	0603C-TBD	Passives_Capacitors_0603_TBD	2
TBD	CAPACITOR 0603 CERAMIC VALUE TO BE DETERMINED	C13, C14	0603C-TBD	Passives_Capacitors_0603_TBD	2
0805		D1	0805LED	LED_SMD_0805	1
Connector_XH_SMD_2p		K1	2.54_2p	Connector_XH_SMD_2p	1
SMA_EL	SMA_EL	K2, K3, K4, K7, K8, K9, K10	SMA_ENDLAUNCH	RVA_Connector_RF_SMD_SMA-EL	7
3x1	SMD Header 3x1	K5, K6	Header_Male_2.54 3x1	Connector_Headers_SMD_M_3x1	2
1K	GENERIC RESISTOR 0603	R1, R6, R7	0603R-1k	0603R-1K	3
0R	GENERIC JUMPER 0603	R2, R3, R10, R11	0603R-0R	0603R-0R	4
100K	GENERIC RESISTOR 0603	R4, R5, R8, R9	0603R-100K	0603R-100K	4
LTC5507	RF Power Detector	U1, U2	S6-TSOT-23	RVA_RF_SMD_LTC550	2