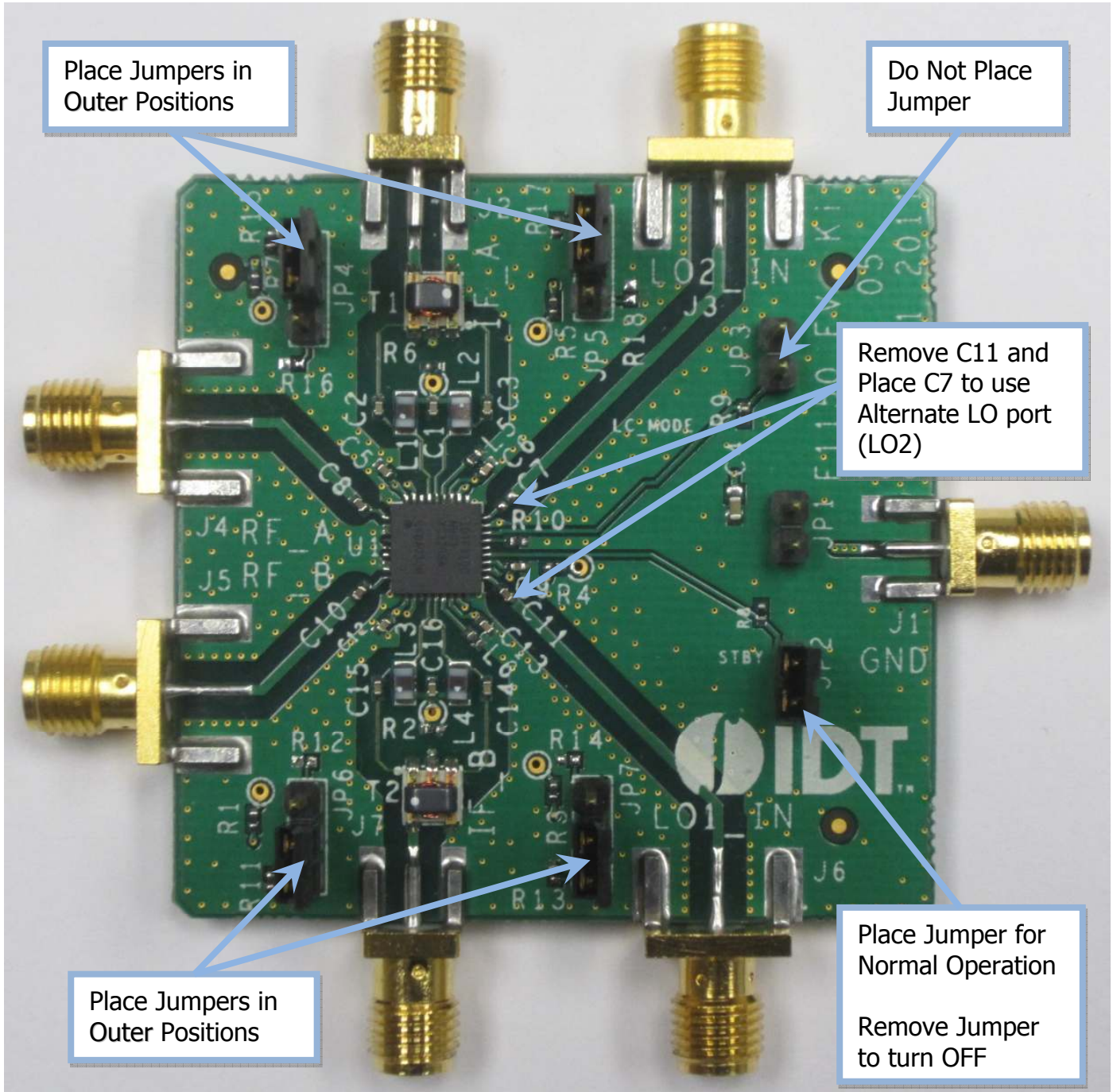


EVKIT PICTURE/LAYOUT/OPERATION



EVKIT BOM

For Normal Operation, Make sure the LC_{MODE} jumper is open and that the dual jumpers are set to the outer position.

F1100 PCB Rev 5 BOM Rev 02

Item #	Value	Size	Desc	Mfr. Part #	Mfr.	Part Reference	Qty
1	10nF	0402	CAP CER 10000PF 16V 10% X7R 0402	GRM155R71C103KA01D	MURATA	C1,5,6,9,12,13,16	7
2	1000pF	0402	CAP CER 1000PF 50V C0G 0402	GRM1555C1H102JA01D	MURATA	C2,3,14,15	4
3	150pF	0402	CAP CER 150PF 50V C0G 0402	GRM1555C1H151JA01D	MURATA	C8,10,11	3
4	150pF	NOTE: C7 and C11 cannot be installed together. C7 for Pin27 LO feed. C11 for Pin19 LO feed				C7	1
5	10uF	0603	CAP CER 10UF 6.3V X5R 0603	GRM188R60J106ME47D	MURATA	C4	1
6	Header 2 Pin	TH 2	CONN HEADER VERT SGL 2POS GOLD	961102-6404-AR	3M	JP1,2,3	3
7	Header 3 Pin	TH 3	CONN HEADER VERT SGL 3POS GOLD	961103-6404-AR	3M	JP4,5,6,7	4
8	SMA_END_LAUNCH	.062	SMA_END_LAUNCH (Small)	142-0711-821	Emerson Johnson	J1,2,7	3
9	SMA_END_LAUNCH	.062	SMA_END_LAUNCH (Big)	142-0701-851	Emerson Johnson	J3,4,5,6	4
10	270nH	0805	0805CS (2012) Ceramic Chip Inductor	0805CS-271XJLB	COILCRAFT	L1,2,3,4	4
11	20	0402	RES 20 OHM 1/10W 1% 0402 SMD	ERJ-2RKF27R0X	Panasonic	R11,15	2
12	40.2	0402	RES 40.2 OHM 1/10W 1% 0402 SMD	ERJ-2RKF40R2X	Panasonic	R13	1
13	1.21K	0402	RES 1.21K OHM 1/10W 1% 0402 SMD	ERJ-2RKF1211X	Panasonic	R17	1
14	47K	0402	RES 47.0K OHM 1/16W 1% 0402 SMD	RC0402FR-0747KL	Yageo	R8,9	2
15	0	0402	RES 0.0 OHM 1/10W 0402 SMD	ERJ-2GE0R00X	Panasonic	R1,2,3,4,5,6,7,10	8
16	4:1 Balun	SM-22	4:1 Center Tap Balun	TC4-6TG2+	Mini Circuits	T1,2	2
17	F1100	QFN-36	DUAL RF MIXER	F1100NBGI	IDT	U1	1
18	PCB		EV Kit	F11XXEV Kit Rev 05			1

Total 52

TOPMARKINGS
