

# Components for LockInADA2200 PCB, Version 2.1

Labels	Qty	Product/Value	Package	Mfr. Part #	Digi-Key Part #
C2	1	220 pF	2SMT::0603-1608	GRM1885C1H221JA01D	490-1435-1-ND
C1, C3-C7, C9	7	0.1 $\mu$ F	2SMT::0603-1608	GRM188R71H104KA93D	490-1519-1-ND
C8, C10-C11	3	1	2SMT::0603-1608	C1608X7R1C105K080AC	445-1604-1-ND
J1	1	SMA in	RF::SMA	Linx CONSMA002 or 142-0701-301	J501-ND or CONSMA002-ND
J2	1	2-pin header	2PIN::H/100/100	Output to ADC card	
J3-J4	2	jumper wire	2PIN::H/100/100	selects grounding config.	
J5-J6	2	10-pin breakoff header	SIP::10	TE Connectivity 4-103185-0	A26513-40-ND
R1-R2	2	2k	2SMT::0805-2012	RR1220P-102-D	RR12P1.0KDCT-ND
R5-R7	3	10k	2SMT::0805-2012	RR1220P-103-D	RR12P10.0DCT-ND
R3-R4	2	249k	2SMT::0805-2012	ERA-6AEB2493V	P249KDACT-ND
U1	1	AD8429 instrum. amp.	SOIC::8P1.27D4.9H6	AD8429ARZ or AD8429BRZ	AD8429ARZ-ND
U2	1	ADA2200 filter/demod.	TSSOP::16P0.65D5H6.4	ADA2200ARUZ-REEL7	ADA2200ARUZ-REEL7CT-ND
U3	1	AD5293-20 digital pot.	TSSOP::14P0.65D5H6.4	AD5293BRUZ-20	AD5293BRUZ-20-ND
U4	1	3.3V regulator	TO::92	MCP1702-3302E	MCP1702-3302E-ND
U5	1	AD8606 op amp	TSSOP::8P0.65D3H4.9	AD8606ARMZ-R7	AD8606ARMZ-R7CT-ND