

# Components for ADC32 PCB, Version 2.0a

Labels	Qty	Product/Value	Package	Mfr. Part #	Digi-Key Part #
C5	1	0.0047 $\mu$ F (11 $\mu$ s settling)	2SMT::0603-1608	GRM188R71H472KA01D	490-1506-1-ND
C6-C10	5	0.1 $\mu$ F	2SMT::0603-1608	GRM188R71H104KA93D	490-1519-1-ND
C3, C4, C11	3	1 $\mu$ F	2SMT::0603-1608	C1608X7R1C105K080AC	445-1604-1-ND
C1	1	10 $\mu$ F	2SMT::0805-2012	C2012X5R1C106M125AC	445-4115-1-ND
J1, J3	2	SMA, Ch1 and Ch2 in	RF::SMA	Linx CONSMA002 or 142-0701-301	J501-ND or CONSMA002-ND
J2,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
R8	1	10	2SMT::0805-2012	RR1220Q-100-D	RR12Q10DCT-ND
R3, R5	2	49.9	2SMT::0805-2012	RR1220Q-49R9-D-M	RR12Q49.9DCT-ND
R1, R2	2	4.99k	2SMT::0805-2012	RR1220P-4991-D-M	RR12P4.99KDCT-ND
R4, R6, R7	3	10k	2SMT::0805-2012	RR1220P-103-D	RR12P10.0DCT-ND
U1	1	3.3V ref.	SOT::23-6P0.95	ADR3433ARJZ-R2	ADR3433ARJZ-R2CT-ND
U3	1	4X2 protected mux.	TSSOP::16P0.65D5H6.4	ADG509FBRUZ	ADG509FBRUZ-ND
U4	1	AD8429 instrum. amp.	SOIC::8P1.27D4.9H6	AD8429ARZ or AD8429BRZ	AD8429ARZ-ND
U5	1	16-bit ADC	TSSOP::10P0.5D3H4.9	AD7687BRMZ	AD7687BRMZ-ND
U6	1	AD5293-20 digital pot.	TSSOP::14P0.65D5H6.4	AD5293BRUZ-20	AD5293BRUZ-20-ND
U7	1	AD8606 op amp	TSSOP::8P0.65D3H4.9	AD8606ARMZ-R7	AD8606ARMZ-R7CT-ND

Unused designators: C2, U2