

ADS1115_16Ch BOM								
Item #	Reference Designator	Qty	Manufacturer	Mfg Part #	Description / Value	Package/Footprint	Type	Instructions / Notes
1	C1	1	Samsung	CL21A106KAYNNNE	CAP CER 10UF 25V X5R 0805	0805	SMD	
2	C2,C5,C12,C19	4	Samsung	CL21B104KBCNNWC	Capacitor MLCC 100nF+/-10% 50V X7R 0805	0805	SMD	
3	C3,C4,C6,C7,C8,C9,C10, C11,C13,C14,C15,C16, C17,C18,C20,C21	16	Samsung	CL21B103KBCNNNC	CAP CER 10000PF 50V X7R 0805	0805	SMD	
4	D1	1	Würth Elektronik	150080VS75000	LED GREEN CLEAR 0805 SMD	0805	SMD	
5	H1,H2,H3,H4	0						Mount Holes (No Component)
6	J1	1	Sullins Connector Solutions	PREC006SAAN-RC	CONN HEADER VERT 6POS 2.54MM	6POS	THRU-HOLE	
7	J2,J3,J4,J5	4	Sullins Connector Solutions	PREC008SAAN-RC	CONN HEADER VERT 8POS 2.54MM	8POS	THRU-HOLE	
8	J6	1	Sullins Connector Solutions	PREC004SAAN-RC	CONN HEADER VERT 4POS 2.54MM	4POS	THRU-HOLE	
9	R1,R2,R3	3	Panasonic	ERJ-6GEYJ472V	RES SMD 4K7 OHM 5% 1/8W 0805	0805	SMD	
10	R4,R5,R6,R7,R8,R9,R10, R11,R12,R13,R14,R15, R17,R18,R19,R20	16	Panasonic	ERJ-6GEYJ471V	RES SMD 470 OHM 5% 1/8W 0805	0805	SMD	
11	R16	1	Panasonic	ERJ-6GEY0R00V	RES SMD 0 OHM JUMPER 1/8W 0805	0805	SMD	
12	R21	1	Panasonic	ERJ-6GEYJ301V	RES SMD 300 OHM 5% 1/8W 0805	0805	SMD	
13	U1,U2,U3,U4	4	Texas Instruments	ADS1115IDGSR	IC ADC 16BIT SIGMA-DELTA 10VSSOP	10VSSOP	SMD	