

SchmartModule 710-0011-01 General Purpose OP AMP board
 Revised: Thursday, August 27, 2015
 500-0196-01 Revision: A

Item	Quantity	Reference Designator	Part Discription	Footprint	MFG	MFG P/N
1	2	C2,C7	CAP 0805 10000PF 50V 10% X7R	0805	KEMET	C0805C103K5RACTU
2	2	C3,C6	CAP 0805 0.1uF 50V 10% X7R	0805	KEMET	C0805C104K5RACTU
3	2	C4,C5	CAP 0805 1uF 50V 10% X7R	0805	KEMET	C0805C105K5RACTU
4	1	J1	HEADER Male 1 X 3 0.1" SP	T.H.	Sullins	PREC003SAAN-RC
5	12	GND(TP1),GND(TP2),Vin1(TP3),Vin2(TP4),Vin3(TP5),Vin4(TP6) VDD(TP7),GND(TP8),GND(TP9),VSS(TP10),Vout(TP11),GND(TP12)	HEADER Male Single pin	T.H.	Sullins	PREC001SAAN-RC
6	1	U1	IC SOIC-8 General Purpose OPAMP	SOIC-8	T.I.	OPA172IDR
7	7	R2,R3,R4,R5,R6,R7,R8	RESISTOR	T.H. or 0805		See note below
8	1	C1	CAP 22pF,Axial, 50V, X7R	T.H.	VISHAY	A220J15C0GH5TAA
9	16	Single pin female header installed for R2,R3,R4,R5,R6,R7,R8 & C1				
10	1	R1	TRIMMER 1K OHM 0.5W PC PIN	T.H.	BOURNS	3296W-1-102

Note: Components (No stuff and Included in the package) -

QTY:2	RES 0 ohm	T.H.	TE Connectivity	1623934-1
QTY:2	RES 5.1K, 5%, 1/4W, Axial	T.H.	YAGEO	CFR-25JB-52-5K1
QTY:2	RES 10K, 5%, 1/4W, Axial	T.H.	YAGEO	CFR-25JB-52-10K
QTY:1	CAP 22pF,Axial, 50V, X7R	T.H.	VISHAY	A220J15C0GH5TAA
QTY:2	Shunts 0.1" spacing			

Optional (No stuff and NOT included)