

List of Materials					
Part	Product name	Value	Footprint	Description	Quantity
C1	GCM155R71H104KE02J	0.1uF	C_1005_0402	Capacitor, Surface Mount	1
C2	-	open	C_1005_0402	Capacitor, Surface Mount	1
C11, C12	GCM1552C1H181JA01	180pF	C_1005_0402	Capacitor, Surface Mount	2
D11, D12	TDZV5.1	5.1V	TUMD2M-SOD_323HE_ SC-108B	Zener Diode, Surface Mount	2
J1	-	-	61300511121	Connector Header1x5,pitch 2.54	1
R1	MCR01SMQPF	short	R_1005_0402	Resistor, Surface Mount	1
R2	MCR01SMQPF	short	R_1005_0402	Resistor, Surface Mount	1
R11, R12	MCR01SMQPF	2kΩ	R_1005_0402	Resistor, Surface Mount	2
R21, R22	MCR01SMQPF	120kΩ	R_1005_0402	Resistor, Surface Mount	2
RS1, RS2, RS3, RS4	PSR400ITQFJ2L00	2mΩ	10mm x 5.2mm	Resistor, Surface Mount	4
+VIN	-	-	TP_10P0/7P20	Test Pin, Through Hole	2
+VIN	-	-	TP_2P0/1P05	Through Hole	1
-VIN	-	-	TP_10P0/7P20	Test Pin, Through Hole	2
-VIN	-	-	TP_2P0/1P05	Through Hole	1
VDD	-	-	TP_2P0/1P05	Through Hole	1
OUT1	-	-	TP_2P0/1P05	Through Hole	1
GND	-	-	TP_2P0/1P05	Through Hole	1
+IN	-	-	TP_2P0/1P05	Through Hole	1
-IN	-	-	TP_2P0/1P05	Through Hole	1
U1	LMR1802G-LB	-	SSOP5	IC for Low Noise Low Offset Voltage CMOS OP-AMP	1

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