

Parts Listing

Part	Package	Value	Description	Farnell Part Number
+VSENSE	2,54/1,0	1.0mm	Veropin	
0VSENSE	2,54/1,0	1.0mm	Veropin	
C1	E3,5-8	100u, 35V	Rubycon ZA*	1144669
C2	E2,5-6	100u, 10V	Rubycon ZA	1144661
C3	E2,5-6	22u, 35V	Rubycon ZA***	1144666
C4	E2,5-6	100u, 25V	Rubycon ZA*	1144661
C5				Not fitted
C6				Not fitted
C7	E2,5-6	100u, 25V	Rubycon ZA*	1144661
C8 / C_Kelvin		47u, 35V	Rubycon ZA*	1144668
D1	LED5MM	LED5MM	Vishay TLHG5205	1045482
D2	DO41Z10	1N5342B, 1N5333B (5V reg)	OnSemi Zener	9557997 / 9557903
D3	D-5	1N4148	Philips Semiconductor	1081177
D4	D-5	1N4148	Philips Semiconductor	1081177
IC1	317TS	LM1086CT / LM337T (-ve reg)	National Semiconductor, voltage regulator	9489967 / 9489401
IC3	SO08	AD825 / AD817 (5V reg)	Analog Devices Low Noise, Wideband Error Amplifier (surface mount)	9603735 / 1306739
OP1	2,54/1,0		Veropin	
OP2	2,54/1,0		Veropin	
Q1	TO220V	D44H8 / D45H8 (-ve reg)	OnSemi / Fairchild NPN /PNP Power Transistor	9556206 / 9556214
R1	0204/7	100R	BC Components, MRS25	9463909
R2	0204/7	1K	BC Components, MRS25	9465170
R3	0204/7	1K	BC Components, MRS25	9465170
R4	0204/7	10K	BC Components, MRS25	9463976
R5	0204/7	4.99k / 750R (5V reg)	BC Components, MRS25	9468722 / 9469982
R6	0207/12	0R	Wire Link	
R7	0204/7	499R	BC Components, MRS25	9468587
R8	0204/7	**	BC Components, MRS25	
R9	0204/7	**	BC Components, MRS25	
SRGND	2,54/1,0	1.0mm	Veropin	
SRIN	2,54/1,0	1.0mm	Veropin	
T1	Eline	ZTX751 / ZTX651 (-ve reg)	PNP / NPN Transistor	9525629 / 9525572
T2	Eline	ZTX751 / ZTX651 (-ve reg)	PNP / NPN Transistor	9525629 / 9525572
TRGND	2,54/1,0	1.0mm	Veropin	
TRIN	2,54/1,0	1.0mm	Veropin	
TROUT	2,54/1,0	1.0mm	Veropin	
TRS1	2,54/1,0	1.0mm	Veropin	
TRS2	2,54/1,0	1.0mm	Veropin	
ZD1	TO92	LM329DZ (LM336 for 5V reg)	National Semiconductor, Precision reference	9488510 / 9488464
-	TO220	SIL-Pad K6	Insulator	664250
-	TO220	Bush		936649
* Better option = 47u Elna Starget (RS Components 215-5708)				
** Select for voltage				
*** Better option = 22u Elna Starget (RS Components 215-5758)				