

Pa0nhc ARDFrx80

Ordering semiconductors. PCB 20180128-16 v. 20180130

		OrderNr is Conrad
T1	BC547c (or eq.) PCB pinning is CBE.	140539
IC1	SA 612N Solder directly into the PCB without a socket.	www.box73.de
IC2	TL072	175404
VR1	LE50 5V <i>low drop</i>	1184984
D1,2,101,102	1N4148	162280
D3	Zenerdiode 5V1 500mW	1110814
D4	1N4000 or eq.	162221
FET1,4	BF998 SMD dual gate MOSfet. <u>Solder it with legs bend towards the PCB.</u> <u>with wide leg to mass.</u>	153029
FET 5,101, <u>102,103</u>	Jfet BF256b, Low Idss. (Ids = 200uA @ Vgs = 1.6 – 3.8 V, pinch-off <= -3V.) For FET 102 and 103 try select a pair with the same Idss.	563810
CD1	BB535 or eq. (18 to 8 pF @ 0.85 to 5 V).	153196
CD101	1x BB814 (diode <i>pair</i> , 2x) <u>61 to 28 pF @ 0.85 to 5V, var.=33 pF).</u> or 1x BB804 (diode <i>pair</i> , 2x) <u>60 to 31pF @ 0.85 to 5V, var.=29 pF).</u> Pinning is a-k-a	153261
LED 3mm	Bright red. Short leg / flat side on flange = k = minus.	184560