

ORD_VC_1 Giling Computer Applications

Spaxbooster and DDX Booster with Railcom cut-out
Maxcurrent selctable from 1,6-25Ampere

Revised: 03-27-2020
Revision: V2

Qty	Ref	Part
4	R1, R2, R8, R9	Resistor 1 Kohm 0,125 Watt
2	R3, R4	Resistor 3,3 KOhm 0,125 Watt
5	R5, R6, R7, R10, R11	Resistor 470 Ohm 0,125 Watt
2	R12, R13	Resistor 10 KOhm 0,125 Watt
1	RP1	Resistor array 4 x 3,3 KOhm SIL5
4	C1	Elco 1000 uF 35V
4	C2, C3, C4, C5	100 nF 2,5 mm pitch
3	C6, C7, C8	Elco 10 uF minimum 25V radial
1	D3	Diode 1N4003
1	L1	LED 3mm green
1	L2	LED 3mm red
1	VR1	5 V regulator 7805 TO220
1	U1	Power Bridge IBT_2 Modified
1	IC1	processor with socket PIC 12F629-I/P
2	IC2,IC3	opto coupler 6N137 with socket
1	IC4	opto coupler PC817
1	IC5	processor with socket PIC12F675 I/P
1	CDE1	Connector AKL086-04
1	LN1	RJ12 socket MEBP 6-6s
1	SW1	3-way dip switch
1		SubD9 female
1		female header 2x4 pin !!! mount at bottom!!!!
1		female header 2 /3 pin !!! mount at bottom!!!!
1	RS1	RS232 socket female
4		supports M3 x 10mm
4		supports M3 x 12mm **) !!!!!
4		supports M3 x 15mm
5	Fasteners	M3x 8
1		nut 3mm
1		PCBoard ORD-VC-1
1		Cable RJ12

**) This support between board and IBT-2

Instructions for mounting can be found here:

https://wiki.rocrail.net/doku.php?id=ord-vc-1-en#mounting_instructions