Giling Computer Applications

Revised: Mar 13, 2012 Revision: v11 CAN-GCbus RFID concentrator

CAN-GC4

Revision by : Peter Giling Bill Of Materials

1 R1 120 Ohm 1 R2 100 KOhm 1 R3 47 KOhm 1 R4 330 Ohm 2 R5,R7 3,3 KOhm 1 R6 10 KOhm 1 R6 10 KOhm 2 RP1,RP2 8 x 10 KOhm SIL9 1 C1 ELCO 100 uF 16V radial 1 C2,C5 ELCO 1000 uF 16V radial 2 C3,C4 100 nF 1 D1 DIODE 1N4002/3 1 D2 Scottky diode 1N5818 1 VR1 LM2575t-5 1 U1 PIC18F2585 with socket 28 Pins DIL 1 U2 MCP2551 with socket 8 pin DIL 1 L1 LED B-3 RT (Reichelt) 1 L2 LED 3mm green high luminance 1 L3 LED 3mm yellow high luminance 1 Res1 RESONATOR 8MHz 1 I1 Inductor 77A 330u (Reichelt) 1 ICSP1 Farnell 167-5768 1 JP1 2 pin with jumper 1 PB1 Reichelt taster 3301B (Reichelt) 8 Rf1Rf8 PSS254/3G 1 J1 D-SUB BT 09EU (Reichelt) 1 J2 D-SUB BT 09EU (Reichelt) 1 J3 AKL230-4 + AKL249-4 (Reichelt) 1 J4 PSS 254/10G (Reichelt) 1 J5 Spacer M4 4 Screw M4 1 Screw M3x10 2 nut M3 1 connector SUB-d 9 female 1 connector SUB-d 9 male 1 pc-board CAN-GC4	Qty	Ref	Part
1 R2 100 KOhm 1 R3 47 KOhm 1 R4 330 Ohm 2 R5,R7 3,3 KOhm 1 R6 10 KOhm 2 RP1,RP2 8 x 10 KOhm SIL9 1 C1 ELCO 1000 uF 16V radial 2 C2,C5 ELCO 1000 uF 16V radial 2 C3,C4 100 nF 1 D1 D1ODE 1N4002/3 1 D2 Scottky diode 1N5818 1 VR1 LM2575t-5 1 U1 PIC18F2585 with socket 28 Pins DIL 1 U2 MCP2551 with socket 8 pin DIL 1 L1 LED 3mm green high luminance 1 L2 LED 3mm yellow high luminance 1 Res1 RESONATOR 8MHz 1 I1 Inductor 77A 330u (Reichelt) 1 I2Sp1 2 pin with jumper 1 PB1 Reichelt taster 3301B (Reichelt) 8 Rf1Rf8 PSS254/3G 1 J1 D-SUB BU O9EU (Reichelt) 1 J2 D-SUB ST 09EU (Reiche	1	R1	120 Ohm
1 R4 330 Ohm 2 R5,R7 3,3 KOhm 1 R6 10 KOhm 2 RP1,RP2 8 x 10 KOhm SIL9 1 C1 ELCO 1000 uF 16V radial 1 C2,C5 ELCO 1000 uF 16V radial 2 C3,C4 100 nF 1 D1 DIODE 1N4002/3 1 D2 Scottky diode 1N5818 1 VR1 LM2575t-5 1 U1 PIC18F2585 with socket 28 Pins DIL 1 U2 MCP2551 with socket 8 pin DIL 1 L1 LED B-3 RT (Reichelt) 1 L2 LED 3mm green high luminance 1 L3 LED 3mm yellow high luminance 1 Res1 RESONATOR 8MHz 1 I1 Inductor 77A 330u (Reichelt) 1 ICSP1 Farnell 167-5768 1 JP1 2 pin with jumper 1 PB1 Reichelt taster 3301B (Reichelt) 8 Rf1Rf8 PSS254/3G 1 J1 D-SUB BU 09EU (Reichelt) 3 J4 <t< td=""><td></td><td></td><td></td></t<>			
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1 R6 10 KOhm 2 RP1,RP2 8 x 10 KOhm SIL9 1 C1 ELCO 1000 uF 16V radial 1 C2,C5 ELCO 1000 uF 16V radial 2 C3,C4 100 nF 1 D1 DIODE 1N4002/3 1 D2 Scottky diode 1N5818 1 VR1 LM2575t-5 1 U1 PIC18F2585 with socket 28 Pins DIL 1 U2 MCP2551 with socket 8 pin DIL 1 U2 MCP2551 with socket 8 pin DIL 1 L1 LED B-3 RT (Reichelt) 1 L2 LED 3mm green high luminance 1 L3 LED 3mm yellow high luminance 1 Res1 RESONATOR 8MHz 1 I I Inductor 77A 330u (Reichelt) 1 I ICSP1 Farnell 167-5768 1 JP1 2 pin with jumper 1 PB1 Reichelt taster 3301B (Reichelt) 8 Rf1Rf8 PSS254/3G 1 J1 D-SUB BU 09EU (Reichelt) 1 J2 D-SUB ST 09EU (Reichelt)	1	R4	330 Ohm
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1 connector SUB-d 9 male			
1 pc-board CAN-GC4			
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