

LocoIO-Keypad

Ref Name	Qty	Component	Value	Package	Farnell	Reichelt	Voelkner	Description
T1	1	2N2222	BC337	TO92A		BC 337-40		NPN TRANSISTOR
S1, S2, S3, S4, S5, S6, S7, S9, S10, S11, S12, S13, S14, S15, S16	16	10-XX		B3F-10XX		TASTER 3301B		Kurzhubtaster 6x6mm, Höhe: 9,5mm
IC4	1	78XXS	78L05	TO92		MC 78L05 ACPG LP2950 ACZ5,0		VOLTAGE REGULATOR
J1	1	520250-3		520250-3	1536490		Econ Connect MEB6/6PL Y726811	RJ12 6-6 CONNECTOR
C6, C7, C8	3	C2,5-3	10p	C025				CAPACITORnaming: grid - package width
C2, C4, C5	3	C2,5-3	100n	C025				CAPACITORnaming: grid - package width
C3	1	CPOL_RM2_D5	4.7μ	E2_D5		RAD 4,7/35		ELECTROLYTIC CAPACITOR grid 2mm, diameter 5mm
C1	1	CPOL_RM2.5_D7	47uF/35V	THT		RAD 47/35		ELECTROLYTIC CAPACITOR grid 2.54 mm, diameter 7 mm
D1, D2	2	Diode bedrahtet	1N4148	diod04		1N 4148		Diode
R3	1	FUSE PTC RM5	PTC/100mA	THT		PFRA 010		PTC 100mA
LED1	1	LED3MM	LED3MM	3mm				LED3 mm, round
LED2	1	LED3MM	LED3MM	3mm				LED3 mm, round
IC2	1	LM311		DIL		LM 311 DIP		COMPARATOR
IC1	1	PIC16873DIL28-3	PIC16F873	DIL28-3		PIC 16F873A-I/SP		MICROCONTROLLERflash type
R10, R11	2	R-EU_0204/7	2k2	0204/7				RESISTOR, European symbol
R7	1	R-EU_0204/7	4K7	0204/7				RESISTOR, European symbol
R9	1	R-EU_0204/7	10k	0204/7				RESISTOR, European symbol
R8	1	R-EU_0204/7	22k	0204/7				RESISTOR, European symbol
R1, R2	2	R-EU_0204/7	33R	0204/7				RESISTOR, European symbol
R4	1	R-EU_0204/7	47K	0204/7				RESISTOR, European symbol
R5	1	R-EU_0204/7	150K	0204/7				RESISTOR, European symbol
R6	1	R-EU_0204/7	220K	0204/7				RESISTOR, European symbol
RN2, RN3	2	SIL 5-4	4x 10k	SIL 5-4		SIL 5-4 10K		Resistor Network
RN1	1	SIL 9-8	8x 10k	SIL 9-8		SIL 9-8 10K		Resistor Network
X1	1	RESOX909"	20MHz	X909-ND	CSTLS20M0X53-A0			Resonator X909-ND
Alternativ		QUARTZ	20MHz	HC49U-S		20,0000-HC49U-S		Quartz HC49U-S
	1	Case				SP 2090 SW		