

Smiley PCB

Qty	Parts	Value	Package	Device		
65	LED1, LD1, LD2, LD3, LD4, LD5, LD6,	2V, 25mA	SML0603	LEDSML0603	RND 135-00181 - SMD-LED Rot 632nm 0603 120mcd 25mA	distrelec.at
3	C1, C2, C6	100nF	C1206	C-USC1206	Keramikkondensator 100nF, 50VDC, 1206, ±10 %	distrelec.at
1	C3	1uF	A/3216-18R	CPOL-USA/3216-18R	TPS 3216 1,0/20	reichelt.at
2	C4, C5	22pF	C0603K	C-USC0603K	KEM C0G0603 22P	reichelt.at
1	C7	10uF	C0805	C-USC0805	Keramikkondensator 10uF, 16VDC, 0805, ±10 %	distrelec.at
7	R1, R6, R7, R8, R9, R10, R11	10k	R0603	R-US_R0603	SMD-Widerstand 100mW, 10kOhm, 1 %, 0603	distrelec.at
1	R2	1M	R0603	R-US_R0603	VIS CRCW06031M0	reichelt.at
1	R3	12k	R0603	R-US_R0603	SMD-0603 12K	reichelt.at
2	R4, R5	22	R0603	R-US_R0603	SMD-0603 22	reichelt.at
1	Y1	16MHz	HC49UP	CRYSTALSMD-HC49UP	LFXTAL003237 - Quarz SMD 16MHz, IQD	distrelec.at
1	U\$1	ATMEGA32U4-AU	TQFP44	ATMEGA32U4-AU	ATMEGA32U4-AU - AVR RISC Mikrocontroller Flash 32kB TQFP, Microchip	distrelec.at
1	U\$2	MAX7219CWG	SO24L	MAX7219CWG	MAX 7219 CWG	reichelt.at
6	RESET, SW1, SW2, SW3, SW4, SW5	SPST_TACT-EVQQ2	EVQ-Q2	SPST_TACT-EVQQ2	Kurzhubtaster B3FS, 1 Schliesser, 0.98N, 6 x 6mm	distrelec.at
1	J1	10118192-0002LF	10118192-0002LF	10118192-0002LF	10118192-0001LF - Micro USB, Micro USB-B 2.0 Buchse	distrelec.at
1					Smiley_PCB	PCBWay.com