

Sheet1

small kit parts list:

designation	value	manufacturer	part number
C2	10 μ F	TDK	C3216Y5V1A106ZT/1.15
C25,C29	1 μ F	TDK	C1608X5R1C105K
D16	DIODESCH	Fairchild	RB521S30
J2	USB-MICRO-B	FCI	10103594-0001LF
Q2	MOSFET_P	ON Semiconductor	NTR4171PT1G
R1	10k	Bourns	CR0603-JW-103ELF
U1	NCP502	ON Semiconductor	NCP502SQ35T2G

large kit parts list:

designation	value	manufacturer	part number
C2	10 μ F	TDK	C3216Y5V1A106ZT/1.15
C13,C14	18pF	TDK	C1608C0G1H180JT
C20	220pF	TDK	C1608X7R1H221K
C21	100pF	TDK	C1608C0G1H101J
C25,C29	1 μ F	TDK	C1608X5R1C105K
C26,C27,C28,C30,C33,C34,C4	100nF	TDK	C1608X7R1H104K
D14,D17	RSTLED,1V8LED	Kingbright	APT1608SGC
D15	USBLED	Kingbright	APT1608EC
D16	DIODESCH	Fairchild	RB521S30
J2	USB-MICRO-B	FCI	10103594-0001LF
Q1	PDTA123Y	NXP	PDTA123YE,115
Q2	MOSFET_P	ON Semiconductor	NTR4171PT1G
R1,R9,R10	10k	Bourns	CR0603-JW-103ELF
R8,R15,R24	330	Bourns	CR0603-JW-331ELF
R12,R13	33	Vishay/Dale	CRCW060333R0FKEA
R16	1k5	Bourns	CR0603-JW-152ELF
U1	NCP502	ON Semiconductor	NCP502SQ35T2G
U4	LPC175X	NXP	LPC1752FBD80,551
C15	100 μ F	Nichicon	UUR1C101MCL1GS

description
capacitor
capacitor
diode
USB micro cor
MOSFET
resistor
3.5V voltage r

description
capacitor
capacitor
capacitor
capacitor
capacitor
capacitor
LED
LED
diode
USB micro cor
PNP
MOSFET
resistor
resistor
resistor
resistor
3.5V voltage r
ARM microcor
capacitor