BOM-Track-your-cat

Reference	Name	Value	Mouser Part Number	quantity
C1, C3	Capasitor	47u		2
> C4-C8, C14, C15, C17	Capasitor	100n		8
> C9, C10, C21, C22	Capasitor	12p		4
> C2, C11-C13, C16, C18-C20	Capasitor	1u		8
D1	LED	yellow	---	1
D2	LED	red	---	1
FTDI1	Programmer	ICSP-Interface-1x6_female_pins	---	1
GPS1	GPS-IC	ORG1410	---	1
IC1	EMI filter	VEMI45AA-HNH-GS08	78-VEMI45AA-HNH	1
IC2	Regulator	TPS71718DCKR	---	1
J1	JST-PH Conn	JST-PH 2-pin SMT right angle	adafruit 1769	1
J2	Micro USB typ B	USB_B_Micro	Amphenol 10118193-0001LF	1
J3	MicroSD Slot	Micro-SD_Molex_104031-0811	538-104031-0811	1
LDO1	Regulator	TPS74533PQWDRVRQ1	595-PS74533PQWDRVRQ1	1
> R1, R7, R8, R11, R12	Resistor	10k		5
> R2-R5	Resistor	1k		4
R6	Resistor	220R		1
> R9, R10	Resistor-Pullup	47k		2
RTC1	low power RTC	MCP7940M	579-MCP7940MT-I/SN	1
SW1	Switch	PCM12SMTR	611-PCM12SMTR	1
SW2	Switch	TL1105VF250Q	612-TL1105VF250Q	1
TH1	Thermistor	10k	NXFT15XH103FA2B050	1
U1	Charging IC	BQ24040DSQT	595-BQ24040DSQT	1
U2	MCU	ATMEGA328P-AUR	556-ATMEGA328P-AU	1
U3	Logic shifter	TXS0102DCTR	---	1
Y1	Crystal	MCU_Quarz	ABM8AIG-8.000MHZ-1Z-T	1
Y2	Crystal	RTC_Quarz	732-MC30632.7680KA0R	1

1