

uradmonitor kit 1.1.104, 2016 BOM		
category	parameters	pieces
battery	li-pol 3.7v/3700ma (scavenged)	1
button	microswitch 1-pos, 6 x 6 x 21 mm	1
buzzer	3v dc, d: 12mm, pin: 7.6mm, TME: LD-BZEG-1203	1
cap	c1, c2, c8, c9: 33pf	4
cap	c3, c3': 1uf, ceramic	1
cap	c4: 100nf	1
cap	c5: 47uf 16v (max 10 mm high)	1
cap	c7: 15nf	1
cap	c6, c10, c11: 10nf, 1kv	3
case	laser cutted plexiglass, 3mm	1
clock	q1: 8mhz	1
connector	pin header connectors, 2.54mm, male, female	2
diode	d7: 1n4148do35-7	1
diode	d1, d2, d3: byv26e, TME: BYV26E-TAP	3
ic	atmega 328p (2X14) DIP	1
ic	ic1: MCP1700-3002E/TO 3.0v voltage regulator	1
ic	socket DIP 2X14 pin, gold plated	1
inductor	L1: 2.2mH , 0.5W, 0410 Axial Lead DIP	1
module	sensor: BME280 (optional)	1
module	ethernet: ENC28J60	1
module	display: nokia 5110	1
module	<u>lithium battery charger, micro usb</u>	1

pcb	v1.1.104	1
res	r1, r9, r10, r11: 100 ohm	4
res	r2, r8, r14, r15: 10k	4
res	r3, r5: 10M, 1%	2
res	r4: 47k, 1%	1
res	r6: 220k	1
res	r12: 100k	1
screw	m3 x 30 mm	4
solder	weakly corrosive flux (F-SW-26)	1
switch	on/off, 19 x 15 x 11 mm	2
tool	m3 tap	
trans	t1: mpsa42	1
trans	t2, t4, t5: 2n2222	4
trans	t3, t6: 2n2907	2
tube	SBM-20	1