

### Anexa a1 - Prefac Raluca - Grupa 431C - Tema SERS

Nr. Crt.	Nume	Catalog	Cod distrib	Nume prod	Prod	Clasă	Descriere	ALVEOLA	Nume componentă	Cantitate
1	0,47	<a href="#">(LINK)</a>	SMD0805-0R47	0805S8J047 KT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 0.47Ω, ±5%, 0.125W	1a	R10	1
2	1	<a href="#">(LINK)</a>	SMD0805-1R-5%	0805S8J010 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1Ω, ±5%, 0.125W	1b	R11	1
3	33	<a href="#">(LINK)</a>	SMD0805-33R-5%	0805S8J033 OT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 33Ω, ±5%, 0.125W	3b	R16	1
4	51	<a href="#">(LINK)</a>	SMD0805-51R-5%	0805S8J051 OT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 51Ω, ±5%, 0.125W	4a	R4, R5, R6	3
5	100	<a href="#">(LINK)</a>	SMD0805-100R-5%	0805S8J010 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 100Ω, ±5%, 0.125W	5b	R17	1
6	150	<a href="#">(LINK)</a>	SMD0805-150R-5%	0805S8F150 OT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 150Ω, ±5%, 0.125W	6a	R8,R9,R18,R19	4
7	510	<a href="#">(LINK)</a>	SMD0805-510R-5%	0805S8J051 1T5E	YAGEO	rezistor	Rezistor SMD, chip, 0805, 510Ω, ±5%, 0.125W	8a	R2, R3, R13	3
8	1k	<a href="#">(LINK)</a>	SMD0805-1K-5%	0805S8J010 2T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1kΩ, ±5%, 0.125W	10a	R7	1
9	2k	<a href="#">(LINK)</a>	SMD0805-2K-5%	0805S8J020 2T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 2kΩ, ±5%, 0.125W	11b	R12	1
10	3.3k	<a href="#">(LINK)</a>	SMD0805-3K3-5%	0805S8J033 2T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 3.3kΩ, ±5%, 0.125W	13a	R1, R15	2
11	2k	<a href="#">(LINK)</a>	TS53YL202 MR10	TS53YL202 MR10	VISHAY	potențiometr u	Potențione-tru liniar, simplă tură, SMD, 2kΩ, ±20%, 100ppm/°C, 0.25W	25b	R14	1

	TOTAL - Componente pasive (rezistoare de valori fixe și reglabile)									19
12	1uF	<a href="#">(LINK)</a>	CL21B105K BFNNNG	CL21B105K BFNNNG	SAMSUNG	condensator	Condensator: ceramic; MLCC; 1uF; 50V; X7R; ±20%; SMD; 0805	36a	C1, C2	2
	TOTAL - Componente pasive (condensatoare)									2
13	4148	<a href="#">(LINK)</a>	1N4148- 0805	CD4148WS( 0805C)	DC Components	diodă pn	Diodă comutație, SMD, 0805, 300mA, 100V	37b	D2, D3	2
14	2.7V	<a href="#">(LINK)</a>	BZX84C2V7	BZX84- C2V7LT1G	ON Semiconduct or	diodă Zener	Diodă Zener, SMD, SOT23, 2,7V, ±5%, 0.25W	38b	D1	1
15	PNP	<a href="#">(LINK)</a>	BC856B	BC856B	DIOTEC	tranzistor bipolar	Tranzistor bipolar PNP, SMD, SOT23, 80V, 100mA	41b	Q1, Q2	2
16	NPN	<a href="#">(LINK)</a>	BC846B	BC846B	DIOTEC	tranzistor bipolar	Tranzistor bipolar NPN, SMD, SOT23, 65V, 100mA	42a	Q3,Q4,Q5,Q7,Q8,Q9	6
17	NPN	<a href="#">(LINK)</a>	MJD31CG	MJD31CG	ON Semiconduct or	tranzistor bipolar	Tranzistor bipolar NPN, SMD, DPACK, 100V, 3A, 15W	44b	Q6	1
	TOTAL - Componente semiconductoare (tranzistoare bipolare și cu efect de câmp, diode, LED, etc.)									12
	Total general									33