

Anexa 1 - BOM total anul al III-lea - 2018-2019

Nr. Crt.	Nume	Catalog	Cod distrib	Nume prod	Prod	Clasă	Descriere	Alveola		
1	0 ohm	(LINK)	1206S4J000 0T5E	1206S4J000 0T5E	SR PASSIVES	rezistor	Rezistor: thick film; SMD; 1206; 0Ω; 0,25W; ±5%; - 55÷125°C	x		
2	0.47	(LINK)	SMD0805- 0R47	0805S8J047 KT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 0.47Ω, ±5%, 0.125W	1a		
3	1	(LINK)	SMD0805- 1R-1%	0805S8F100 KT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1Ω, ±1%, 0.125W	1b		
4	4.7	(LINK)	SMD0805- 4R7-1%	0805WAF 4R7 T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 4.7Ω, ±1%, 0.125W	2a		
5	10	(LINK)	SMD0805- 10R-1%	0805S8F100 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 10Ω, ±1%, 0.125W	2b		
6	22	(LINK)	SMD0805- 22R-1%	0805S8F220 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 22Ω, ±1%, 0.125W	3a		
7	33	(LINK)	SMD0805- 33R-1%	0805S8F330 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 33Ω, ±1%, 0.125W	3b		
8	51	(LINK)	SMD0805- 51R-1%	0805S8F510 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 51Ω, ±1%, 0.125W	4a		
9	68	(LINK)	SMD0805- 68R-1%	0805S8F680 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 68Ω, ±1%, 0.125W	4b		
10	82	(LINK)	SMD0805- 82R-1%	0805S8F820 JT5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 82Ω, ±1%, 0.125W	5a		
11	100	(LINK)	SMD0805- 100R-1%	0805S8F100 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 100Ω, ±1%, 0.125W	5b		
12	150	(LINK)	SMD0805- 150R-1%	0805S8F150 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 150Ω, ±1%, 0.125W	6a		

13	220	(LINK)	SMD0805-220R-1%	0805S8F220 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 220Ω, ±1%, 0.125W	6b		
14	330	(LINK)	SMD0805-330R-1%	0805S8F330 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 330Ω, ±1%, 0.125W	7a		
15	470	(LINK)	SMD0805-470R-1%	0805S8F470 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 470Ω, ±1%, 0.125W	7b		
16	510	(LINK)	SMD0805-510R-5%	0805S8J051 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 510Ω, ±5%, 0.125W	8a		
17	680	(LINK)	SMD0805-680R-1%	0805S8F680 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 680Ω, ±1%, 0.125W	8b		
18	820	(LINK)	SMD0805-820R-1%	0805S8F820 0T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 820Ω, ±1%, 0.125W	9a		
19	910	(LINK)	SMD0805-910R-5%	0805WAJ 910R T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 910Ω, ±5%, 0.125W	9b		
20	1k	(LINK)	SMD0805-1K-1%	0805S8F100 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1kΩ, ±1%, 0.125W	10a		
21	1.5k	(LINK)	SMD0805-1K5-1%	0805S8F150 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1.5kΩ, ±1%, 0.125W	10b		
22	1.8k	(LINK)	SMD0805-1K8-1%	0805S8F180 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1.8kΩ, ±1%, 0.125W	11a		
23	2k	(LINK)	SMD0805-2K-1%	0805S8F200 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 2kΩ, ±1%, 0.125W	11b		
24	2.2k	(LINK)	SMD0805-2K2-1%	0805S8F220 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 2.2kΩ, ±1%, 0.125W	12a		
25	2.7k	(LINK)	SMD0805-2K7-1%	0805S8F270 1T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 2.7kΩ, ±1%, 0.125W	12b		

26	3.3k	(LINK)	SMD0805-3K3-1%	0805S8F3301T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 3.3kΩ, ±1%, 0.125W	13a		
27	3.9k	(LINK)	SMD0805-3K9-1%	0805S8F3901T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 3.9kΩ, ±1%, 0.125W	13b		
28	4.7k	(LINK)	SMD0805-4K7-1%	0805S8F4701T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 4.7kΩ, ±1%, 0.125W	14a		
29	5.6k	(LINK)	SMD0805-5K6-1%	0805S8F5601T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 5.6kΩ, ±1%, 0.125W	14b		
30	6.8k	(LINK)	SMD0805-6K8-1%	0805S8F6801T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 6.8kΩ, ±1%, 0.125W	15a		
31	8.2k	(LINK)	SMD0805-8K2-1%	0805S8F8201T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 8.2kΩ, ±1%, 0.125W	15b		
32	9.1k	(LINK)	SMD0805-9K1-1%	CRCW080510K0FKTABC	VISHAY	rezistor	Rezistor SMD, chip, 0805, 9.1kΩ, ±1%, 0.125W	16a		
33	10k	(LINK)	SMD0805-10K-1%	0805S8F1002T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 10kΩ, ±1%, 0.125W	16b		
34	15k	(LINK)	SMD0805-15K-1%	0805S8F1502T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 15kΩ, ±1%, 0.125W	17a		
35	22k	(LINK)	SMD0805-22K-1%	0805S8F2202T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 22kΩ, ±1%, 0.125W	17b		
36	47k	(LINK)	0805S8J0473T5E	0805S8J0473T5E	ROYAL OHM	rezistor	Rezistor: thick film; SMD; 0805; 47kΩ; 0,125W; ±5%; -55÷125°C	18a		
37	68k	(LINK)	SMD0805-68K-5%	RC0805JR-0768KL	Yageo	rezistor	Rezistor SMD, chip, 0805, 68kΩ, ±5%, 0.125W	18b		

38	100k	(LINK)	SMD0805-100K-1%	0805S8F100 3T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 100kΩ, ±1%, 0.125W	19a		
39	150k	(LINK)	SMD0805-150K-5%	0805S8J015 4T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 150kΩ, ±5%, 0.125W	19b		
40	180k	(LINK)	SMD0805-180K-5%	0805S8J018 4T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 180kΩ, ±5%, 0.125W	20a		
41	220k	(LINK)	SMD0805-220K-1%	0805S8F220 3T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 220kΩ, ±1%, 0.125W	20b		
42	330k	(LINK)	SMD0805-330K-1%	0805S8F330 3T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 330kΩ, ±1%, 0.125W	21a		
43	390k	(LINK)	SMD0805-390K-1%	0805S8F390 3T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 390kΩ, ±1%, 0.125W	21b		
44	510k	(LINK)	SMD0805-510K-1%	0805S8F510 3T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 510kΩ, ±1%, 0.125W	22a		
45	1M	(LINK)	SMD0805-1M	0805S8J010 5T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 1MΩ, ±1%, 0.125W	22b		
46	2M	(LINK)	SMD0805-2M7	0805WAJ 2M T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 2MΩ, ±1%, 0.125W	23a		
47	5M	(LINK)	SMD0805-5M1	RC0805FR-075M1	Yageo	rezistor	Rezistor SMD, chip, 0805, 5.1MΩ, ±1%, 0.125W	23b		
48	10M	(LINK)	SMD0805-10M	HP05W3J01 06T5E	ROYAL OHM	rezistor	Rezistor SMD, chip, 0805, 10MΩ, ±5%, 0.125W	24a		

49	100ohm	(LINK)	1804GSMD-100R	1804GSMD-100R	SR PASSIVES	potențiometr u	Potențiometr liniar, simplă tură, SMD, 100Ω, ±10%, 100ppm/°C, 0.25W	24b		
50	500ohm	(LINK)	1804GSMD-500R	1804GSMD-500R	SR PASSIVES	potențiometr u	Potențiometr liniar, simplă tură, SMD, 500Ω, ±10%, 100ppm/°C, 0.25W	25a		
51	2k	(LINK)	TS53YL202 MR10	TS53YL202 MR10	VISHAY	potențiometr u	Potențiometr liniar, simplă tură, SMD, 2kΩ, ±20%, 100ppm/°C, 0.25W	25b		
52	5k	(LINK)	3314G-1-502E	3314G-1-502E	BOURNS	potențiometr u	Potențiometr liniar, simplă tură, SMD, 5kΩ, ±20%, 100ppm/°C, 0.25W	26a		
53	10k	(LINK)	3314G-1-103E	3314G-1-103E	BOURNS	potențiometr u	Potențiometr liniar, simplă tură, SMD, 10kΩ, ±20%, 100ppm/°C, 0.25W	26b		
54	50k	(LINK)	3314G-1-503E	3314G-1-503E	BOURNS	potențiometr u	Potențiometr liniar, simplă tură, SMD, 50kΩ, ±20%, 100ppm/°C, 0.25W	27a		
55	100k	(LINK)	TS53YL104 MR10	TS53YL104 MR10	VISHAY	potențiometr u	Potențiometr liniar, simplă tură, SMD, 100kΩ, ±20%, 100ppm/°C, 0.25W	27b		
56	500k	(LINK)	3314G-1-504E	3314G-1-504E	BOURNS	potențiometr u	Potențiometr liniar, simplă tură, SMD, 500kΩ, ±10%, 100ppm/°C, 0.25W	28a		
57	4.7pF	(LINK)	CC0805CRN PO9BN4R7	CC0805CRN PO9BN4R7	YAGEO	condensator	ceramic; MLCC; 4,7pF; 50V; C0G; ±0,25pF; SMD; 0805	28b		
58	10pF	(LINK)	CC0805JRN PO9BN100	CC0805JRN PO9BN100	YAGEO	condensator	ceramic; MLCC; 10pF; 50V; C0G; ±5%; SMD; 0805	29a		

59	47pF	(LINK)	CL21C470JB ANNNC	CL21C470JB ANNNC	SAMSUNG	condensator	Condensator : ceramic; MLCC; 47pF; 50V; C0G; ±5%; SMD; 0805; - 55+125°C	29b		
60	100pF	(LINK)	CL21C101JB ANNNC	CL21C101JB ANNNC	SAMSUNG	condensator	Condensator : ceramic; MLCC; 100pF; 50V; C0G; ±5%; SMD; 0805	30a		
61	470pF	(LINK)	CL10B471K B8NNNC	CL10B471K B8NNNC	SAMSUNG	condensator	Condensator : ceramic; MLCC; 470pF; 50V; X7R; ±10%; SMD; 0603	30b		
62	1nF	(LINK)	C0805C102J 5GAC	C0805C102J 5GAC	KEMET	condensator	Condensator MLCC, SMD, 0805, 1nF, ±5%, 50V, C0G	31a		
63	2.2nF	(LINK)	CL21B222K BANNND	CL21B222K BANNND	SAMSUNG	condensator	Condensator : ceramic; MLCC; 2,2nF; 50V; X7R; ±10%; SMD; 0805	31b		
64	4.7nF	(LINK)	C0805C472 K5RAC	C0805C472 K5RAC	KEMET	condensator	Condensator MLCC, SMD, 0805, 4.7nF, ±5%, 50V, X7R	32a		
65	5.6nF	(LINK)	CL21B562K BANNNC	CL21B562K BANNNC	SAMSUNG	condensator	Condensator MLCC, SMD, 0805, 5.6nF, ±5%, 50V, X7R	32b		
66	10nF	(LINK)	CL21B103K CANNNC	CL21B103K CANNNC	SAMSUNG	condensator	Condensator MLCC, SMD, 0805, 10nF, ±5%, 50V, X7R	33a		
67	22nF	(LINK)	CL21B223K CFNNNE	CL21B223K CFNNNE	SAMSUNG	condensator	Condensator : ceramic; MLCC; 22nF; 100V; X7R; ±10%; SMD; 0805	33b		
68	33nF	(LINK)	CL21B333K BANNNC	CL21B333K BANNNC	SAMSUNG	condensator	Condensator : ceramic; MLCC; 33nF; 50V; X7R; ±10%; SMD; 0805	34a		
69	100nF	(LINK)	CC0805KRX 7R9BB104	CC0805KRX 7R9BB104	YAGEO	condensator	ceramic; MLCC; 100nF; 50V; X7R; ±10%; SMD; 0805	34b		

70	220nF	(LINK)	CL21B224K AFNNNE	CL21B224K AFNNNE	SAMSUNG	condensator	Condensator : ceramic; MLCC; 220nF; 25V; X7R; ±10%; SMD; 0805	35a		
71	330nF	(LINK)	08055C334K AT2A	08055C334K AT2A	AVX	condensator	Condensator : ceramic; MLCC; 330nF; 50V; X7R; ±10%; SMD; 0805	x		
72	470nF	(LINK)	CL21B474K BFNNNG	CL21B474K BFNNNG	SAMSUNG	condensator	Condensator : ceramic; MLCC; 470nF; 50V; Y5V; - 20++80%; SMD; 0805	35b		
73	1uF	(LINK)	CC0805KKX 7R8BB105	CC0805KKX 7R8BB105	YAGEO	condensator	Condensator : ceramic; MLCC; 1uF; 25V; X7R; ±10%; SMD; 0805	36a		
74	2.2uF	(LINK)	GRM219R61 E225KA12D	GRM219R61 E225KA12D	MURATA	condensator	Condensator : ceramic; MLCC; 2,2uF; 25V; X5R; ±10%; SMD; 0805	36b		
75	4.7uF	(LINK)	CL21A475K AQNNNE	CL21A475K AQNNNE	SAMSUNG	condensator	ceramic; MLCC; 4,7uF; 25V; X5R; ±10%; SMD; 0805	37a		
76	10uF	(LINK)	SC1H106M0 5005VR	SC1H106M0 5005VR	SAMWHA	condensator	Condensator : electrolytic; cu impedanță redușă; SMD; 10uF; 63V	x		
TOTAL - Componente pasive (condensatoare)										
77	4148	(LINK)	1N4148- 0805	CD4148WS(0805C)	DC Components	diodă pn	Diodă comutație, SMD, 0805, 300mA, 100V	37b		
78	LED	(LINK)	KP- 2012SRC- PRV	KP- 2012SRC- PRV	Kingbright Electronic	LED	LED roșu, SMD, 0805, 100mcd, 640nm, 120°	38a		
79	2.7V	(LINK)	BZX84C2V7	BZX84- C2V7LT1G	ON Semiconduct or	diodă Zener	Diodă Zener, SMD, SOT23, 2,7V, ±5%, 0.25W	38b		
80	5.1V	(LINK)	BZX84C5V1	BZX84-C5V1	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 5,1V, ±5%, 0.3W	39a		

81	5.6V	(LINK)	BZX84C5V6	BZX84-C5V6	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 5,6V, ±5%, 0.3W	39b		
82	6.2V	(LINK)	BZX84C6V2	BZX84-C6V2	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 6.2V, ±5%, 0.3W	40a		
83	6.8V	(LINK)	BZX84C6V8	BZX84-C6V8	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 6.8V, ±5%, 0.3W	x		
84	8.2V	(LINK)	BZX84C8V2	BZX84-C8V2	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 8.2V, ±5%, 0.3W	40b		
85	10V	(LINK)	BZX84C10	BZX84-C10	NXP	diodă Zener	Diodă Zener, SMD, SOT23, 10V, ±5%, 0.3W	41a		
86	PNP	(LINK)	BC856B	BC856B	DIOTEC	tranzistor bipolar	Tranzistor bipolar PNP, SMD, SOT23, 80V, 100mA	41b		
87	NPN	(LINK)	BC846B	BC846B	NXP	tranzistor bipolar	Tranzistor bipolar NPN, SMD, SOT23, 65V, 100mA	42a		
89	N-JFET	(LINK)	MMBFJ309L T1G	MMBFJ309L T1G	ON Semiconduct or	tranzistor NJFET	Tranzistor N- JFET, SMD, SOT23, 25V, 30mA	42b		
90	P-JFET	(LINK)	MMBFJ177L T1G	MMBFJ177L T1G	ON Semiconduct or	tranzistor PJFET	Tranzistor P- JFET, SMD, SOT23, 30V, 20mA	43a		
91	NPN	(LINK)	BC817-25- DIO	BC817-25- DIO	NXP	tranzistor bipolar	Tranzistor bipolar NPN, SMD, SOT23, 45V, 800mA	43b		
93	PNP	(LINK)	BC807-25- DIO	BC807-25- DIO	NXP	tranzistor bipolar	Tranzistor bipolar PNP, SMD, SOT23, 45V, 800mA	44a		
94	NPN	(LINK)	MJD31CG	MJD31CG	ON Semiconduct or	tranzistor bipolar	Tranzistor bipolar NPN, SMD, DPACK, 100V, 3A, 15W	44b		

96	PNP	(LINK)	MJD32CG	MJD32CG	ON Semiconduct or	tranzistor bipolar	Tranzistor bipolar PNP, SMD, DPAK, 100V, 3A, 15W	45a		
97	Nmos	(LINK)	IRFR120NP BF	IRFR120NP BF	International Rectifier	tranzistor NMOS	Tranzistor N- MOSFET, SMD, DPAK, 100V, 9.1A, 20V, 39W	45b		
TOTAL - Componente semiconductoare (tranzistoare bipolare și cu efect de câmp, diode, LED, etc.)										
98	Conn2p	(LINK)	ZL301-40P	ZL301-40P	NINIGI	Sir pini, pas 2,54mm, SMD	Sir pini, pas 2,54mm, SMD, tip tata, bareta de 40 pini	x		
99	FUSE	(LINK)	3413.0116.1 1	3413.0116.1 1	SCHURTER	sigu-ranță	Siguranță sticlă, SMD, 1206, 1.25A, 48mΩ	x		
Total - Conectică, sigurante fuzibile, etc.										
Total general										