



























Description 18650 1-Cell Lithium Ion Battery	Designator BT1	Footprint	Quantity	Value
10050 F Cen duliminion battery	C1, C2, C5, C6,		1	<u> </u>
	C7, C8, C9, C10,			
	C11, C12, C16, C19, C22, C23,			
	C25, C26, C28,			
	C29, C30, C31,			
	C32, C33, C34, C35, C36, C37.			
	C38, C39, C40,			
	C41, C42, C43,			
C	C44, C45, C46,	CARCIOOFN	27	400.5
Capacitor, X7R, ±10%, 16V, 0402	C47, C48	CAPC1005N	37	100nF
Capacitor, NPO, ±2%, 25V, 0402	C3, C4 C13, C14, C15.	CAPC1005N	2	12pF
	C17, C18, C20,			
	C21, C24, C51,			
C	C52, C55, C63, C67, C68	CAPC1005N	14	1uF
Capacitor, XSR, ±10%, 10V, 0402 TAIYO YUDEN - EMK1078BJ106MA-T - CAP CER 10UF 16V 20% XSR 0603	C07, C00		1	10uF
IAIYO YUDEN - EMK10/BBJ106MA-1 - CAP CER 10UF 16V 20% XSR 0603	C49. C53. C59.	CAPC1005N	- 1	10uF
KEMET - T491D227K016AT - CAP TANT 220UF 16V 10% 2917	C61	TC7343-2917	4	220uF
	C50, C54, C60,			
Capacitor, XSR, ±20%, 16V, 0603	C62	CAPC1608N	4	10uF
Capacitor, NPO, ±10%, 25V, 0402	C56, C64	CAPC1005N	2	10nF
Capacitor, NPO, ±10%, 25V, 0402	C57, C65	CAPC1005N	2	47pF
Capacitor, NPO, ±10%, 25V, 0402	C58, C66	CAPC1005N	2	2.2nF
	D1, D3, D5, D7,			
	D9, D11, D13,			
	D15, D17, D19, D21, D23, D25.	OVSRRGBCC3 SI		
OPTEK - OVSRRGBCC3 - LED RED/GRN/BLUE 1204 SMD	D27, D29, D31	DE	16	
	D2, D4, D6, D8,			
	D10, D12, D14,			l
	D16, D18, D20, D22, D24, D26.			l
CREE - CLV1A-FKB-CK1N1G1BB7R4S3 - LED RGB 3-IN-1 3.2X2.8MM 4PLCC	D28, D30, D32	PLCC4	16	l
ROHM - SMLE12BC7TT86Q - LED, 0603, LO-CUR. BLU	D33, D34, D37	LED_0603	3	
			2	
VISHAY - SS34-E3/57T - DIODE SCHOTTKY 40V 3A DO214AB	D35, D36	DO-214AB		—
KINGBRIGHT - KP-1608MGC - LED, 0603, GREEN, 70MCD, 568NM	D38	LED_0603	1	<u> </u>
KINGBRIGHT - KP-1608SYC - LED, SMD, 0603, YELLOW	D39	LED_0603	1	⊢
BOURNS - SRP7028A-6R8M - FIXED IND 6.8UH 4.5A 60 MOHM SMD	L1, L2	SRP7028A	2	6.8uH
SHENZHEN EONE ELECTRONICS CO.,LTD - IM120424015 - EONE High 16x2 (1602) Characters LCD	LCD1			
(rows) connecters but	LCD1 LS1, LS2, LS3,		1	<u> </u>
	LS4, LS5, LS6,			
	LS7, LS8, LS9,			1
	LS10, LS11, LS12,			l
AMS - TSL252R-LF - IC LIGHT TO VOLTAGE SENSOR 3PIN	LS13, LS14, LS15, LS16	AMS_S_3PIN	16	l
AWIS - TSLESER-LF - IC LIGHT TO VOLTAGE SENSOR SPIN	LS16 P1, P2, P8, P9,	MWI3_3_SPIN	16	
	P10, P11, P12,			
MOLEX INC - 0022272021 - CONN HEADER 2POS .100 VERTTIN	P13	HDR1X2	8	
KEYSTONE ELECTRONICS - 54 - BATTERY CLIP 18MM 18650 CELL	P3, P5	54	2	
GLOBAL CONNECTOR TECHNOLOGY - USB3140-30-0170-1-C - CONNECTOR,		USB3140-30-		
USB 2.0 MICRO B, RCPT, SPOS, SMT	P4	0170-1-C Samtec-SSW-116-	- 1	
SAMTEC - SSW-116-22-F-S-VS - Conn Socket Strip SKT 16 POS 2.54mm Solder ST SMD Tube	07	22-F-S-VS	1	
SAMTEC - SSW-106-01-T-D - SOCKET. 2.54MM. 2X6WAY	P14, P15	SSW-106-01-X-D	- 1	
GLOBAL CONNECTOR TECHNOLOGY - FFC2B10-24-T - FFC/FPC CONNECTOR.	F14, F13	33W-100-01-X-D	2	
RECEPTACLE, 24POS, 1ROW	P16	EEC2B10	1	
	01, 02, 03, 04,			
	Q5, Q6, Q7, Q8,			
	Q9, Q10, Q11,			
	Q12, Q13, Q14, Q15, Q16, Q17,			
	Q18, Q19, Q20,			
	Q21, Q22, Q23,			
	Q24, Q25, Q26, Q27, Q28, Q29,			
	Q30, Q31, Q32,			
	Q33, Q34, Q35,			
	Q36, Q37, Q38,			
	Q39, Q40, Q41, Q42, Q43, Q44,			
	Q45, Q46, Q47,			
FAIRCHILD SEMICONDUCTOR - BSS138 - MOSFET N-CH 50V 220MA SOT-23	Q48	SOT95P230-3N	48	
FAIRCHILD SEMICONDUCTOR - FDC6306P - MOSFET 2P-CH 20V 1.9A SSOT6	Q49	SOT-6	1	
		SOIC127P600-		
VISHAY SILICONIX - SI4427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC	Q50, Q51	8AN	2	
VISHAY SILICUNIX - S1442/BDY-11-E3 - MOSFET P-CH 30V 9.7A 8-SOIC				
VISHAY SILICUNIX - 51442/BDY-11-E3 - MOSFET P-CH 30V 9.7A 8-SOIC	R1, R2, R4, R5,		i l	l
VISHAT SILILONIX - SI442/BUY-11-E3 - MOSFET P-CH 30V 9.7A 8-SOIC	R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16.			
VISMAY SILUCUNIX - SI4442/BUY-11-±3 - MOSFET P-CH 30V 9,7A 8-SOIC	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20,			
VISPPAT SULP, UNIX - 3442/8UP-11-85 - MOSFET P-CH 30V 9.7A 8-501C	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25,			
VISHART SILLUNIX - SM42/BUY-11-6:5- MOSFET P-CH 30V 9.7A 8-SOIC	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29,			
visaria : 346.CURX - 3442/8UP-11-2 ± - MOSFET P-CH 30V 9:7A 8-SOIC	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25,			
	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43.			
	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47	RESC1608N	32	91R
VISHAY SILCORXX - SH422BDYT1-83 - MOSEET P-CH 30V 9,7A 8-SOIC	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12,	RESC1608N	32	91R
	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47	RESC1608N	32	91R
Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R21, R24, R27, R30, R33, R36, R39,			
	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R21, R24, R27, R30, R33, R36, R39, R42, R45, R48	RESC1608N RESC1608N	32 16	91R 150R
Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R21, R24, R27, R30, R33, R36, R39,			
Resistor, ±1%, 0.1W, 0603	R.7, R.8, R.10, R.11, R.13, R.14, R.16, R.17, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.31, R.32, R.34, R.35, R.37, R.34, R.44, R.46, R.47, R.31, R.6, R.9, R.12, R.15, R.18, R.21, R.24, R.27, R.30, R.33, R.36, R.39, R.42, R.45, R.46, R.45, R.46, R.47, R.45, R.46, R.47, R.45, R.46, R.47, R.45, R.46, R.47, R.46, R.47			
Resistor, ±1%, 0.1W, 0603	R.7, R.8, R.10, R.11, R.13, R.14, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.31, R.32, R.34, R.40, R.41, R.33, R.40, R.41, R.43, R.40, R.41, R.43, R.41, R.43, R.5, R.7, R.18, R.5, R.7, R.18, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.10,			
Resistor, ±1%, 0.1W, 0603	R.7, R.8, R.10, R.11, R.13, R.14, R.11, R.17, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.31, R.32, R.34, R.40, R.41, R.43, R.44, R.46, R.47, R.3, R.6, R.9, R.12, R.15, R.18, R.21, R.24, R.27, R.30, R.33, R.36, R.39, R.24, R.27, R.30, R.34, R.36, R.39, R.24, R.27, R.30, R.35, R.36, R.39, R.26, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36, R.36,			
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603	R.7, R.8, R.10, R.11, R.13, R.14, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.31, R.32, R.34, R.40, R.41, R.33, R.40, R.41, R.43, R.40, R.41, R.43, R.41, R.43, R.5, R.7, R.18, R.5, R.7, R.18, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.12, R.5, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.6, R.8, R.13, R.10,	RESC1608N	16	150R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R13, R14, R19, R20, R17, R19, R20, R26, R29, R29, R31, R32, R34, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R3, R12, R24, R27, R30, R42, R45, R48 R49, R50, R55, R50, R55, R56, R59, R60, R61, R56, R67, R56, R62, R63, R64, R65, R66, R67, R66, R66, R67,		16	
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±5%, 0.1W, 0603	R7, R8, R10, R11, R13, R14, R19, R20, R12, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R3, R6, R9, R12, R15, R16, R21, R24, R27, R30, R42, R45, R48 R45, R46, R47 R45, R66, R57, R56, R66, R67, R66, R66, R67, R66, R69, R70, R71, R72, R73, R74, R73, R74, R71, R72, R73, R74, R73, R73, R74, R73, R74, R51, R52, R81, R74, R73, R73, R74, R73, R74, R51, R52, R81, R51, R52, R81,	RESC1608N	16	150R
Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603	87, R8, R10, R11, R13, R14, R19, R20, R12, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47, R31, R6, R9, R12, R15, R18, R21, R31, R36, R39, R32, R46, R47, R31, R46, R47, R42, R45, R48, R49, R50, R55, R59, R60, R61, R50, R66, R67, R71, R72, R73, R74, R74, R74, R74, R74, R74, R74, R74	RESC1608N RESC1608N RESC1608N	16 22 5	150R 10k 470R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603	R.7, Ris, R.10, R.11, R.13, R.14, R.19, R.20, R.12, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.26, R.28, R.29, R.25, R.26, R.24, R.25, R.27, R.35, R.26, R.27, R.30, R.27, R.30, R.37, R.37, R.37, R.37, R.	RESC1608N RESC1608N RESC1608N RESC1608N	16 22 5	150R 10k 470R 500k
Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603 Resistor, a1%, 0.1W, 0603	87, R8, R10, R11, R13, R14, R19, R20, R12, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47, R31, R6, R9, R12, R15, R18, R21, R31, R36, R39, R32, R46, R47, R31, R46, R47, R42, R45, R48, R49, R50, R55, R59, R60, R61, R50, R66, R67, R71, R72, R73, R74, R74, R74, R74, R74, R75, R82, R81, R82, R83, R70, R74, R74, R74, R74, R74, R74, R74, R74	RESC1608N RESC1608N RESC1608N	16 22 5	150R 10k 470R
Resistor, ±1%, 0.1W, 0603	R.7, Ris, R.10, R.11, R.13, R.14, R.19, R.20, R.12, R.19, R.20, R.22, R.23, R.25, R.26, R.28, R.29, R.26, R.28, R.29, R.25, R.26, R.24, R.25, R.27, R.35, R.26, R.27, R.30, R.27, R.30, R.37, R.37, R.37, R.37, R.	RESC1608N RESC1608N RESC1608N RESC1608N	16 22 5	150R 10k 470R 500k
Resistor, a1%, 0.1W, 0603	R7, R6, R10, R11, R13, R14, R16, R13, R14, R16, R17, R19, R20, R21, R21, R21, R22, R22, R22, R23, R25, R26, R26, R26, R26, R26, R27, R35, R37, R38, R44, R46, R47, R36, R47, R36, R47, R36, R47, R36, R47, R36, R36, R37, R36, R36, R36, R36, R36, R36, R36, R36	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	22 5 1	150R 10k 470R 500k 1M
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R14, R10, R11, R14, R10, R11, R14, R10, R11, R19, R20, R21, R22, R22, R22, R22, R22, R22, R22	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	22 5 1 1	150R 10k 470R 500k 1M 442k 150k
Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R1, R1, R10, R11, R13, R14, R16, R13, R14, R16, R17, R13, R14, R16, R17, R17, R17, R17, R17, R17, R17, R17	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	22 5 1 1 1 1 2	150R 10k 470R 500k 1M 442k 150k 51k
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R13, R14, R16, R17, R19, R20, R27, R22, R22, R22, R22, R22, R22, R22	RESC1608N	22 5 1 1 1 1 2	150R 10k 470R 500k 1M 442k 150k 51k 698k
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R1, R1, R10, R11, R14, R10, R11, R14, R10, R11, R14, R10, R11, R12, R14, R10, R12, R14, R10, R12, R14, R14, R14, R14, R14, R14, R14, R14	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	22 5 1 1 1 1 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R13, R14, R16, R17, R19, R20, R27, R22, R22, R22, R22, R22, R22, R22	RESC1608N	22 5 1 1 1 1 2	150R 10k 470R 500k 1M 442k 150k 51k 698k
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R1, R1, R10, R11, R14, R10, R11, R14, R10, R11, R14, R10, R11, R12, R14, R10, R12, R14, R10, R12, R14, R14, R14, R14, R14, R14, R14, R14	RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	22 5 1 1 1 1 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R17, R18, R10, R11, R13, R14, R16, R17, R18, R20, R18, R20, R21, R21, R21, R21, R21, R21, R21, R21	RESC160BN	22 5 1 1 1 1 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R10, R11, R14, R16, R10, R11, R14, R10, R10, R11, R14, R10, R10, R11, R14, R10, R14, R14, R14, R14, R14, R14, R14, R14	RESC1608N	222 5 5 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k
Resistor, £1%, 0.1W, 0603	R7, R8, R10, R11, R17, R18, R10, R11, R13, R14, R16, R17, R18, R20, R18, R20, R21, R21, R21, R21, R21, R21, R21, R21	RESC160BN	222 5 5 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W,	R7, R8, R10, R11, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R17, R13, R14, R15, R15, R15, R15, R15, R15, R15, R15	RESC160BN	22 5 1 1 1 1 2 2 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R13, R14, R16, R17, R18, R20, R19, R19, R19, R20, R19, R19, R19, R19, R19, R19, R19, R19	RESC160BN CESC160BN	222 5 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R17, R13, R14, R15, R15, R15, R15, R15, R15, R15, R15	RESC160BN	22 5 1 1 1 1 2 2 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W,	R7, R8, R10, R11, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R13, R14, R16, R13, R14, R14, R14, R14, R14, R14, R14, R14	RESC160BN	222 5 1 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R13, R14, R16, R17, R13, R14, R16, R17, R13, R14, R17, R17, R18, R20, R11, R12, R18, R20, R11, R12, R14, R14, R14, R14, R14, R14, R14, R14	RESC160BN CL-SB-12B-07T CP-AX100_L MSOP-10 S0723-3N	222 5 1 1 1 1 1 2 2 1 1 1 1 1 2 2 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R11, R13, R14, R16, R11, R13, R14, R16, R13, R14, R16, R13, R14, R14, R14, R14, R14, R14, R14, R14	RESC160BN	222 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, a1%, 0.1W, 0603	R7, R8, R10, R11, R11, R13, R14, R16, R13, R14, R16, R17, R13, R14, R16, R17, R13, R14, R17, R17, R18, R20, R11, R12, R18, R20, R11, R12, R14, R14, R14, R14, R14, R14, R14, R14	RESC160BN CL-SB-12B-07T CP-AX100_L MSOP-10 S0723-3N	222 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W,	R7, R8, R10, R11, R17, R13, R14, R16, R11, R13, R14, R16, R17, R13, R14, R16, R17, R13, R14, R17, R18, R20, R17, R18, R20, R13, R21, R21, R23, R23, R23, R23, R23, R23, R23, R23	RESC 1608N RESC 1	222 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W,	R7, R8, R10, R11, R11, R12, R14, R16, R11, R14, R16, R11, R14, R14, R14, R14, R14, R14, R14	RESC 1600N RESC 160N RE	22 5 5 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W,	R7, R8, R10, R11, R17, R13, R14, R16, R11, R13, R14, R16, R17, R13, R14, R16, R17, R13, R14, R17, R18, R20, R17, R18, R20, R13, R21, R21, R23, R23, R23, R23, R23, R23, R23, R23	RESC 1608N RESC 1	222 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R