

























Description	Designator BT1	Footprint	Quantity	Value
18650 1-Cell Lithium Ion Battery TAIYO YUDEN - EMK1078BJ106MA-T - CAP CER 10UF 16V 20% XSR 0603	K11	CAPC1005N	1	10uF
	C2, C3, C4, C5,		-	
Capacitor, X5R, ±10%, 16V, 0402	C6 C7, C8, C9, C10,	CAPC1005N	5	100nF
	C11, C12, C13, C14, C15, C16.			
	C17, C18, C19,			
	C20, C21, C22, C37, C38, C39,			
	C40, C41, C42,			
	C43, C44, C45, C46, C47, C48,			
C	C49, C50, C55,	CARCIONEN	22	100nF
Capacitor, X7R, ±10%, 6.3V, 0402 KEMET - T491D227K016AT - CAP TANT 220UF 16V 10% 2917	C23, C26	CAPC1005N TC7343-2917	32 2	220uF
KEMET - T4918476K010AT - CAP TANT 47UF 10V 10% 1411	C24, C27	TC3528-1411	2	47uF
Capacitor, NPO, ±10%, 6.3V, 0402	C25, C28	CAPC1005N	2	100pF
Capacitor, XSR, ±10%, 6.3V, 0402	C29, C30	CAPC1005N	2	1uF
Capacitor, NPO, ±2%, 25V, 0402	C31, C32	CAPC1005N	2	12pF
	C33, C34, C35, C36, C51, C52,			
Capacitor, X5R, ±10%, 10V, 0402	C53, C54, C57,	CARCIONEN	10	
Euphanios, ASA, ±10/8, 109, 0402	C58 D1, D3, D5, D7,	CAPC1005N	10	1uF
	D9, D11, D13, D15, D17, D19,			
	D21, D23, D25,	OVSRRGBCC3_SI		
OPTEK - OVSRRGBCC3 - LED RED/GRIV/BLUE 1204 SMD	D27, D29, D31 D2, D4, D6, D8,	DE	16	
	D10, D12, D14,			
	D16, D18, D20, D22, D24, D26,			
CREE - CLV1A-FKB-CK1N1G1BB7R4S3 - LED RGB 3-IN-1 3.2X2.8MM 4PLCC	D28, D30, D32	PLCC4	16	
ROHM - SMLE12BC7TT86Q - LED, 0603, LO-CUR. BLU VISHAY SEMICONDUCTOR - VS-MBRS130TRPBF - DIODE SCHOTTKY 30V 1A	D33, D34, D37	LED_0603	3	
VISHAY SEMICONDUCTOR - VS-MBRS130TRPBF - DIODE SCHOTTKY 30V 1A DO214AA	D35, D36	SMB_DIODE	2	
KINGBRIGHT - KP-1608MGC - LED, 0603, GREEN, 70MCD, 568NM	D38	LED_0603	1	
KINGBRIGHT - KP-1608SYC - LED, SMD, 0603, YELLOW	D39	LED_0603	1	
TAIYO YUDEN - NR6028T4R7M - INDUCTOR 4.7UH 2.7A 20% SMD SHENZHEN EONE ELECTRONICS CO.,LTD - IM120424015 - EONE High 16x2	L1, L2	TY_NR	2	4.7uH
SHENZHEN EONE ELECTRONICS CO.,LTD - IM120424015 - EONE High 16x2 (1602) Characters LCD	LCD1		1	
	LS1, LS2, LS3, LS4, LS5, LS6.			
	LS7, LS8, LS9,		1	
	LS10, LS11, LS12, LS13, LS14, LS15			
AMS - TSL235R-LF - IC LIGHT TO FREQUENCY CONV 3PIN	LS16	AMS_S_3PIN	16	
MOLEX INC - 0022272021 - CONN HEADER 2POS . 100 VERTTIN	P1, P2, P6, P7, P8, P9, P10, P11	HDR1X2	8	
GLOBAL CONNECTOR TECHNOLOGY - USB3140-30-0170-1-C - CONNECTOR,	F3, F10, F11	USB3140-30-		
USB 2.0 MICRO B, RCPT, SPOS, SMT	P3	0170-1-C	1	
KEYSTONE ELECTRONICS - 54 - BATTERY CLIP 18MM 18650 CELL SAMTEC - SSW-116-22-F-S-VS - Conn Socket Strip SKT 16 POS 2.54mm Solder ST	P4	54 Samtec-SSW-116-	1	
SMD Tube	P5	22-F-S-VS	1	
	Q1, Q2, Q3, Q4, 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,			
CARROLLIA CENTRONIDUCTOR RECEIVA MOSTETA CULTURA VINA COT VI	Q45, Q46, Q47, Q48	COTOCO330 381	48	
FAIRCHILD SEMICONDUCTOR - BSS138 - MOSFET N-CH 50V 220MA SOT-23		SOT95P230-3N SOT-6	1	
EAIRCHILD SEMICONDUCTOR - EDC6306R - MOSEET 2R-CH 20V 1 9A SSOT6	O49			
	Q49	SOIC127P600-		
	Q50, Q51	SOIC127P600- 8AN	2	
	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11,		2	
	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16,		2	
	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25,		2	
FARICHID SEMICONDUCTOR - FOCUSION - MOSFET 27-CH 20V 19A SOOTS INTERNATIONAL RECTIFIER - IRF7416TRPBF - MOSFET P-CH 30V 10A 8-SOIC	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29,		2	
	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38,		2	
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34,		2	91R
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC	Q50, Q51 R1, R2, R4, R5, 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,	BAN		91R
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R3, R6, R9, R12, R15, R18, R21, R15, R18, R21,	BAN		91R
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC Resistor, ±1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R37, R61, R81, R45, R81, R81, R47, R46, R47 R15, R18, R21, R24, R27, R30,	RESC1608N	32	
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC Resistor, ±1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R3, R6, R9, R12, R44, R46, R47 R3, R6, R9, R12, R44, R45, R48 R45, R37, R38, R44, R45, R48	BAN		91R 150R
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC Resistor, ±1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R36, R37, R38, R37, R38, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R12, R24, R27, R30, R31, R36, R39, R42, R50, R53, R49, R50, R53, R46, R47, R48	RESC1608N	32	
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC Resistor, ±1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R6, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R15, R18, R21, R15, R18, R21, R15, R18, R21, R15, R18, R21, R33, R6, R89, R12, R42, R45, R46 R49, R50, R53, R42, R45, R48 R49, R50, R53, R54, R55, R56, R57, R58, R59, R56, R57, R58, R59, R56, R56, R56, R56, R56, R56, R56, R56,	RESC1608N	32	
FARICHILD SEMICONDUCTOR - POCASIAN - MOSFET 27-CH 20V 19A SO016 INTERNATIONAL RECTIFIER - IRF7416TRPBF - MOSFET P-CH 30V 10A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R6, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R44, R46, R47 R35, R37, R38, R44, R46, R47 R35, R37, R38, R44, R46, R47 R35, R6, R9, R12 R35, R6, R9, R12 R35, R6, R9, R12 R35, R6, R9, R12 R35, R36, R39, R42, R45, R48 R49, R50, R53, R54, R55, R56, R57, R58, R59,	RESC1608N	32	
INTERNATIONAL RECTIFIER - IRF7416TRPBF - MOSFET P-CH 30V 10A 8-SOIC Resistor, £1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R6, R10, R11, R13, R14, R16, R17, R19, R17, R19, R17, R12, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R27, R30, R42, R45, R48 R49, R50, R53, R54, R55, R56, R57, R58, R59, R62, R61, R62, R63, R61, R62, R63, R64, R65, R65, R67, R68, R67, R68, R89,	RESC1608N	32	150R
INTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A 8-SOIC Resistor, x 1%, 0.1W, 0603	QS0, QS1 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R21, R22, R23, R25, R26, R28, R29, R31, R32, R34, R40, R41, R43, R40, R41, R43, R40, R41, R43, R41, R43, R42, R27, R30, R42, R27, R30, R42, R50, R53, R42, R50, R53, R42, R50, R53, R42, R50, R53, R54, R55, R58, R57, R58, R59, R57, R58, R59, R60, R61, R62, R65, R64, R65, R67, R68, R87, R88, R89, R99, R90	RESC1608N	32	
INTERNATIONAL RECTIFIER - IRF7416TRPBF - MOSFET P-CH 30V 10A 8-SOIC Resistor, £1%, 0.1W, 0603	Q50, Q51 R1, R2, R4, R5, R7, R6, R10, R11, R13, R14, R16, R17, R19, R17, R19, R17, R12, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R31, R32, R34, R40, R41, R43, R44, R46, R47 R3, R6, R9, R12, R15, R18, R27, R30, R42, R45, R48 R49, R50, R53, R54, R55, R56, R57, R58, R59, R62, R61, R62, R63, R61, R62, R63, R64, R65, R65, R67, R68, R67, R68, R89,	RESC1608N	32	150R
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFETP-CH 30V 10A 8-SOIC Resistor, a 1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R7, R8, R10, R17, R13, R14, R16, R17, R19, R20, R22, R23, R25, R22, R23, R25, R25, R25, R25, R25, R25	RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	32 16 22 5 5	150R 10k 470R 309k
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a 1%, 0.1W, 0603 Resistor, a 1%, 0.1W, 0603 Resistor, a 1%, 0.1W, 0603	GS0, GS1 R1, R2, R4, R5, R1, R2, R4, R5, R7, R8, R10, R1, R13, R14, R16, R17, R18, R10, R17, R18, R10, R17, R18, R00, R26, R28, R29, R26, R28, R29, R27, R28, R29, R27, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R28, R39, R39, R30, R39, R30,	RESC1608N RESC1608N	32 16	150R
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a 1%, 0.1W, 0803	G50, G51 R1, R2, R4, R5, R1, R2, R4, R5, R7, R8, R10, R1, R13, R14, R16, R17, R18, R05, R26, R28, R29, R27, R27, R37, R38, R10, R26, R28, R29, R27, R37, R38, R44, R46, R47, R37, R37, R38, R44, R46, R47, R47, R57, R58, R59, R42, R45, R48, R44, R54, R47, R47, R58, R59, R47, R57, R58, R59, R42, R45, R48, R49, R50, R53, R46, R53, R64, R55, R56, R67, R88, R89, R89, R89, R89, R89, R89, R89, R89,	RESC160BN	32 16 22 5 5	10k 470R 309k 1.4M
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a 1%, 0.1W, 0603	GO, GS1 R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R4, R5, R1,	RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	32 16 22 5 1 1 1 4 2	150R 10k 470R 309k 1.4M 100k 47k
NTERNATIONAL RECIPER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	GS0. GS1 R1, R2, R6, R5, R7, R6, R10, R7, R6, R10, R7, R17, R18, R20, R22, R23, R25, R26, R28, R29, R26, R28, R29, R27, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R28, R29, R39,	RESC160BN	22 5 5 1 1 4 4 2 1 1	10k 470R 309k 1.4M 100k 47k 887k
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R1, R2, R4, R5, R7, R6, R10, R17, R11, R11, R11, R11, R11, R11, R11, R11	RESC160BN	32 16 22 5 1 1 1 4 4 2 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M
NTERNATIONAL RECIPER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	GS0. GS1 R1, R2, R4, R5, R1, R2, R4, R5, R1, R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R2, R2, R2, R2, R2, R2, R2, R2, R2	RESC160BN	22 5 11 1 4 2 2 1 1	150R 10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a.1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R7, R6, R10, R17, R17, R6, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R20, R22, R22, R23, R23, R24, R26, R29, R26, R27, R26, R27, R26, R27, R26, R27, R27, R27, R27, R27, R37,	RESC160BN	32 22 5 11 1 1 2 2 1 1 1 1	150R 10k 470R 309k 1.4M 100k 47k 1.3M 2k 330R
NTERNATIONAL RECIPIER - 187741617898 - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R1, R2, R4, R5, R7, R6, R10, R1, R13, R14, R16, R14, R16, R15, R16, R22, R29, R26, R28, R29, R26, R28, R29, R26, R28, R29, R27, R30, R37, R38, R36, R37, R38, R36, R37, R38, R36, R37, R38, R36, R37, R37, R38, R36, R36, R37, R38, R39,	RESC160BN	22 5 11 1 4 2 2 1 1	150R 10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k
NTERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a.1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R7, R6, R10, R17, R17, R6, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R20, R22, R22, R23, R23, R24, R26, R29, R26, R27, R26, R27, R26, R27, R26, R27, R27, R27, R27, R27, R37,	RESC160BN	32 22 5 11 1 1 2 2 1 1 1 1	150R 10k 470R 309k 1.4M 100k 47k 1.3M 2k 330R
NITERNATIONAL RECTIFIER - IRF7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, £1%, 0.1W, 0603	CSO. CS1 R1, R2, R4, R5, R7, R6, R10, R17, R1, R6, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R20, R22, R22, R23, R26, R28, R29, R26, R28, R29, R26, R27, R26, R27, R26, R27, R26, R27,	RESC1608N	32 22 5 11 1 1 2 2 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NTERNATIONAL RECIPIER - 187741617898 - MOSFET P-CH 30V 10A & SOIC Resistor, 2.1%, 0.1W, 0603	GOO. GS1 R1, R2, R4, R5, R1, R2, R4, R5, R7, R6, R10, R1, R1, R2, R4, R5, R17, R18, R10, R10, R17, R18, R20, R22, R23, R23, R26, R28, R26, R26, R28, R26, R26, R27, R18, R20, R26, R27, R26, R26, R27, R26, R26, R27,	RESC160BN	32 22 5 1 1 1 2 2 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NITERNATIONAL RECTIFIER - 187741617898 - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	CSO. CS1 R1, R2, R4, R5, R7, R6, R10, R17, R1, R6, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R10, R17, R17, R18, R20, R22, R22, R23, R26, R28, R29, R26, R28, R29, R26, R27, R26, R27, R26, R27, R26, R27,	RESC1608N	32 22 5 11 1 1 2 2 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NITERNATIONAL RECTIFIER - 187741617898 - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603	GSO, GS1 R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R4, R5, R1, R2, R4, R5, R1, R4, R1, R1, R1, R4,	RESC1600N RESC160N RESC1	32 22 5 11 1 4 2 1 1 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NTERNATIONAL RECIPIER - 187741617898 - MOSFET P-CH 30V 10A & SOIC Resistor, ±1%, 0.1W, 0603 Resistor	CSO. CSS1 R1, R2, R4, R5, R1, R2, R4, R5, R1, R4, R4, R1, R1, R2, R4, R5, R1, R4, R4, R4, R1, R4, R4, R4, R4, R4, R4, R4, R4, R44, R45, R47, R47, R47, R48, R69, R60, R61, R62, R63, R64, R63, R64, R64, R64, R64, R65, R67, R65, R64, R66, R66, R66, R66, R66, R66, R66,	RESC160BN RESC16DN R	32 22 5 1 1 1 1 2 2 1 1 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NERNATIONAL RECTIFIER - IRP7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a 1%, 0.1W, 0603	CSO. GS1 R1, R2, R4, R5, R5, R5, R5, R5, R5, R5, R5, R5, R5	RESC1608N	32 222 5 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NTERNATIONAL RECTIFIER - IRP7416TRP8F - MOSFET P-CH 30V 10A &-SOIC Resistor, ±1%, 0.1W, 0603 Resisto	QSO, QS1 R1, R2, R4, R5, R1, R1, R2, R4, R5, R1, R1, R2, R4, R5, R1, R2, R3, R1, R1, R2, R4, R5, R1, R1, R1, R2, R2, R2, R2, R2, R2, R2, R2, R2, R2	RESC1600N RESC160N R	32 22 5 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NERNATIONAL RECTIFIER - IRP7416TRP8F - MOSFET P-CH 30V 10A & SOIC Resistor, a 1%, 0.1W, 0803 Resistor, a 1%, 0.1	CSO. CSS1 R1, R2, R4, R5, R7, R6, R10, R17, R1, R6, R15, R17, R6, R10, R17, R18, R16, R17, R18, R16, R17, R18, R20, R22, R21, R21, R21, R21, R21, R22, R22	RESC160BN	32 22 5 11 1 4 2 11 11 11 11 11 11 14 2 11 11 11 11 11 11 11 11 11 11 11 11 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M
NTERNATIONAL RECTIFIER - 187741617898 - MOSPET P-CH 30V 10A &-SOIC Resistor, ±1%, 0.1W, 0603 Resisto	QSO, QS1 R1, R2, R4, R5, R1, R1, R2, R4, R5, R1, R1, R2, R4, R5, R1, R2, R3, R1, R1, R2, R4, R5, R1, R1, R1, R2, R2, R2, R2, R2, R2, R2, R2, R2, R2	RESC1600N RESC160N R	32 22 5 11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	10k 470R 309k 1.4M 100k 47k 887k 1.3M 2k 330R 500k 1M