



























Description	Designator	Footprint	Quantity	Value
18650 1-Cell Lithium Ion Battery	BT1 C1, C2, C5, C6.		1	-
	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, C44, C45, C46,			
Capacitor, X7R, ±10%, 16V, 0402	C47, C48	CAPC1005N	37	100nF
Capacitor, NPO, ±2%, 25V, 0402	C3, C4	CAPC1005N	2	12pF
1	C13, C14, C15, C17, C18, C20.			
	C21, C24, C51,			
Capacitor, X5R, ±10%, 10V, 0402	C52, C55, C63, C67, C68	CAPC1005N	14	1uF
	C27, C50, C54,			
TAIYO YUDEN - EMK107BBJ106MA-T - CAP CER 10UF 16V 20% X5R 0603	C60, C62 C49, C53, C59,	CAPC1608N	5	10uF
KEMET - T491D227K016AT - CAP TANT 220UF 16V 10% 2917	C49, C53, C59, C61	TC7343-2917	4	220uF
Capacitor, X7R, ±10%, 16V, 0402	C56, C64	CAPC1005N	2	10nF
Capacitor, NPO, ±5%, 25V, 0402	C57, C65	CAPC1005N	2	47pF
Capacitor, X7R, ±10%, 16V, 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 D2, D4, D6, D8,	DE	16	
	D10, D12, D14,			
	D16, D18, D20,			
CREE - CLV1A-FKB-CK1N1G1BB7R4S3 - LED RGB 3-IN-1 3.2X2.8MM 4PLCC	D22, D24, D26, D28, D30, D32	PLCC4	16	
ROHM - SMLE12BC7TT86Q - LED, 0603, LO-CUR. BLU	D33, D34, D37	LED_0603	3	
VISHAY - SS34-E3/57T - DIODE SCHOTTKY 40V 3A DO214AB	D35, D36	DO-214AB	2	
KINGBRIGHT - KP-1608MGC - LED, 0603, GREEN, 70MCD, 568NM	D38	LED_0603	1	
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		1	-
	LS1, LS2, LS3, LS4, LS5, LS6,			
	LS7, LS8, LS9,			
	LS10, LS11, LS12, LS13, LS14, LS15,			
AMS - TSL252R-LF - IC LIGHT TO VOLTAGE SENSOR 3PIN	LS16	AMS_S_3PIN	16	
	P1, P2, P8, P9, P10 P11 P12			
MOLEX INC - 0022272021 - CONN HEADER 2POS :100 VERT TIN	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, 5POS, SMT SAMTEC - SSW-116-22-F-S-VS - Conn Socket Strip SKT 16 POS 2.54mm Solder ST	P4	0170-1-C Samtec-SSW-116-	1	
SMD Tube	P7	22-F-S-VS	1	L
SAMTEC - SSW-106-01-T-D - SOCKET, 2.54MM, 2X6WAY	P14, P15	SSW-106-01-X-D	2	
GLOBAL CONNECTOR TECHNOLOGY - FFC2B10-24-T - FFC/FPC CONNECTOR, RECEPTACLE, 24POS, 1ROW	P16	FEC2B10		
KECEPIACLE, 24POS, IROW	O1. O2. O3. O4.	FFC2B10		
	Q24, Q25, Q26, Q27, Q28, Q29, Q30, Q31, Q32, Q33, Q34, Q35, Q36, Q37, Q38,			
	Q39, Q40, Q41,			
	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47,			
FAIRCHILD SEMICONDUCTOR - BSS138 - MOSFET N-CH 50V 220MA SOT-23	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48	SOT95P230-3N	48	
	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47,	SOT-6	48	
FAIRCHILD SEMICONDUCTOR - FDC6306P - MOSFET 2P-CH 20V 1.9A SSOT6	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 Q49		48 1 2	
FARICHIED SEMICONDUCTOR - FOCSIORP - MOSFET 2P-CH 20V 1 94 SCOT6 VISHAY SILICONIX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9:7A 8-SOIC	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 Q49 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, R35, R37, R38, R40, R41, R43,	SOT-6 SOIC127P600- BAN	1 2	918
F-JRICHILD SEMICONDUCTOR - FDC-SIGNEY - MOSFET ZY-CH-20V 1 SA SSO/16 VISHAY SILICONEX - SH42ZBDY-T1-E3 - MOSFET P-CH-30V 9,7A 8-SOIC	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 Q49 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	SOT-6 SOIC127P600-	1	91R
F-JRICHILD SEMICONDUCTOR - FDC-SIGNEY - MOSFET ZY-CH-20V 1 SA SSO/16 VISHAY SILICONEX - SH42ZBDY-T1-E3 - MOSFET P-CH-30V 9,7A 8-SOIC	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q49 Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R16, R17, R19, R20, R22, R23, R25, R26, R28, R29, R40, R41, R43, R40, R41, R43, R40, R41, R43, R40, R41, R43, R40, R41, R43, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41, R41,	SOT-6 SOIC127P600- BAN	1 2	91R
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 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, R27, R30, R44, R46, R47 R3, R6, R9, R12, R15, R18, R27, R30, R31, R32, R34, R42, R41, R43, R44, R46, R47	SOT-6 SOIC1277600- BAN RESC1608N	1 2	
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q49 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 R15, R16, R21, R15, R18, R21, R15, R18, R21, R33, R36, R39, R12, R33, R36, R39, R12, R33, R36, R39, R33, R36, R39, R34, R36, R39, R32, R33, R36, R39, R32, R36, R39, R32, R36, R39, R34, R36, R39, R32, R36, R39, R42, R45, R48	SOT-6 SOIC127P600- BAN	1 2	
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 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, R27, R30, R44, R46, R47 R3, R6, R9, R12, R15, R18, R27, R30, R31, R32, R34, R42, R41, R43, R44, R46, R47	SOT-6 SOIC1277600- BAN RESC1608N	1 2	
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 Q50, Q51 R1, R2, R4, R5, R7, R8, R10, R11, R13, R14, R19, R20, R12, R19, R20, R22, R22, R25, R26, R28, R29, R31, R32, R34, R35, R37, R38, R36, R37, R38, R36, R37, R38, R36, R37, R38, R37, R38, R37, R38, R38, R37, R38, R38, R39, R39, R42, R45, R48, R42, R45, R48, R42, R45, R48, R42, R45, R48, R42, R45, R48, R42, R45, R48, R42, R45, R48, R43, R45, R48, R42, R45, R48, R49, R50, R55, R56, R57, R58, R59, R50, R51, R59, R59, R60, R61,	SOT-6 SOIC1277600- BAN RESC1608N	1 2	
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	(29, Q40, Q41), Q42, Q43, Q44, Q45, Q46, Q47, Q48, Q49, Q48, Q49, Q49, Q49, Q49, Q49, Q49, Q49, Q49	SOT-6 SOIC1277600- BAN RESC1608N	1 2	
FAIRCHULD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SH4278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	(29, Q40, Q41, Q42, Q42, Q43, Q44, Q45, Q46, Q47, Q48, Q49, Q49, Q49, Q49, Q49, Q49, Q49, Q49	SOT-6 SOIC1277600- BAN RESC1608N	1 2	
FARCHUD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SI44278DY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49	SOT-6 SOIC 127P600- BAN RESC 160BN	32	150R
FARCHUD SEMICONDUCTOR - FDC6308P - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SI44278DY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	(29, Q40, Q41, Q42, Q42, Q43, Q44, Q45, Q46, Q47, Q48, Q49, Q49, Q49, Q49, Q49, Q49, Q49, Q49	SOT-6 SOIC1277600- BAN RESC1608N	1 2	150R 10k
ASIGNALD SEMICONDUCTOR - FDC6160P - MOSFET P-CH 20V 1 SA SSOT6 ASSAW SILICONIX - SI4427BDF-TT-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor , £1%, 0.1W, 0603 Resistor , £1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q46 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49 Q49	SOT-6 SOT-6 SOCI-127P600- BAN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	1 2 2 32 16 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	150R 10k 470R
FAIRCHULD SEMICONDUCTOR - FDCSIGNP - MOSFET P-CH 20V 1 SA SSO16 VISHAY SILICONEX - SI44278DY-T1-E3 - MOSFET P-CH 30V 9,7A 8-SOIC Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q45, Q46, Q47, Q48, Q48, Q48, Q48, Q48, Q48, Q48, Q48	SOT-6 SOCITEZPROD- BAN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	1 2 2 32 32 32 22 22 22 22 22 22 22 22 22	150R 10k 470R 500k
FAIRCHILD SEMICONDUCTOR - FDCS308P - MOSFET P-CH 20V 1 94 S5016 VISHAY SILICONEX - SH42278DY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603 Resistor, ±1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q46, Q45, Q46, Q47, Q46 Q49 Q49 Q40, Q41, Q41, Q41, Q41, Q41, Q41, Q41, Q41,	SOT-6 SOT-6 SOCI-1279600- BAN RESC1608N RESC1608N RESC1608N RESC1608N RESC1608N	1 2 2 32 5 5 1 1 1 1	150R 10k 470R 500k 1M
ASACCHID SENICONDUCTOR - FDCGIGRP - MOSFET P-CH 20V 1 SA SCOT6 MSHAY SILICONIX - SIA4278DY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q44, Q45, Q46, Q47, Q46, Q47, Q46, Q47, Q46, Q47, Q46, Q47, Q47, Q47, Q47, Q47, Q47, Q47, Q47	SOT-6 SOT-127PR00- BAN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	1 2 32 16 22 5 1 1 1	150R 10k 470R 500k 1M 442k
**ABICHUD SEMICONDUCTOR - FDC6368P - MOSFET P-CH 20V 1 SA SSOT6 #SHAY SILCONEX - SI4427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC **Resistor , ± 1%, 0.1W, 0603	CB9, Q40, Q41, Q42, Q42, Q42, Q42, Q43, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-6 SOT-127P600- BAN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN RESC160BN	1 2 2 3 2 2 5 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k
FARCHUD SEMICONDUCTOR - FDCGIGRP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONEX - SIM4278DY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor , a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q44, Q45, Q46, Q47, Q49, Q49, Q49, Q49, Q49, Q49, Q49, Q49	SOT-6 SOT-6 SOT-127PGG- BAN RESC160BN	1 2 32 16 22 5 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k
FABICHUD SEMICONDUCTOR - FDCSIGNP - MOSFET P-CH 20V 1 SA SSOTIG VISHAY SILICONEX - SI44278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q44, Q42, Q44, Q44	SOT-6 SOT-6 SOT-6 SOT-127P600- BAN RESC-1608N	1 2 2 32 5 5 1 1 1 1 2 2 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k
FARICHIO SENICONDUCTOR - FDCGIGRP - MOSFET P-CH 20V 1 SA SCOTG VISHAY SILICONEX - SIA42780Y-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q43, Q44, Q42, Q43, Q44, Q47, Q42, Q43, Q44, Q47, Q42, Q43, Q44, Q47, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-6 SOT-127PGG- BAN RESC160BN	1 2 32 16 16 2 2 5 5 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k
FARCHUD SEMICONDUCTOR - FOCSIGN - MOSFET P-CH 20V 1 SA SCOTG VISHAY SILICONEX - SI44278DV-T1-E3 - MOSFET P-CH 30V 9, 7A 8-SOIC Resistor, a 1%, 0.1W, 0603	CB9, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q44, Q44	SOT-6 SOT-6 SOT-127PGO- BAN RESC160BN	12 22 32 5 5 1 1 1 1 1 2 2 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k
FARICHIOL SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONEX - SIM42780Y-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-16 SOT-17 SOT	1 2 32 16 16 2 2 5 5 1 1 1 1 1 1 1 2 1 1 1 1 1 1 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
FARICHIOL SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONEX - SIM42780Y-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor, a 1%, 0.1W, 0603	CB9, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q44, Q44	SOT-6 SOT-6 SOT-127PGO- BAN RESC160BN	12 22 32 5 5 1 1 1 1 1 2 2 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k
FARICHIO SENICONDUCTOR - FDCGIGRP - MOSFET P-CH 20V 1 SA SCOTG VISHAY SILICONEX - SIM4278DV-T1-E3 - MOSFET P-CH 30V 9,7A 8-SOIC Resistor, a 1%, 0,1W, 0603	Q39, Q40, Q41, Q42, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-6 SOT-16 SOT-17 RESC160BN	12 22 32 5 5 1 1 1 1 1 2 2 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
ANDCHULD SEMICONDUCTOR - FOCISION - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONEX - SI442780Y-T1-E3 - MOSFET P-CH 30V 9, 7A 8-SOIC Resistor, a 1%, 0, 1W, 6603 Resistor, a 1%, 0, 1W, 1W, 1W, 1W, 1W, 1W, 1W, 1W, 1W, 1W	G99, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q42	SOT-6 SOT-6 SOT-16 SOT-17 RESC160BN RESC16DN	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
ANDCHILD SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONOX - SIM427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor - 81%, 0.1W, 0603 Resistor - 81	Q39, Q40, Q41, Q42, Q42, Q42, Q42, Q44, Q42, Q44, Q44	SOT-6 SOT-16 SOT-17 SOCITIZEPROG- BAN RESC160BN RESC16DN RESC16DN	12 22 32 5 5 1 1 1 1 1 2 2 1 1	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
FARICHILD SEMICONDUCTOR: FDCGIGRP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONEX - SIA42780Y-T1-E3 - MOSFET P-CH 30V 9,7A 8-SOIC Resistor, a 1%, 0,1W, 0603	G99, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q42	SOT-6 SOT-8 SOT-16 SOT-17 SOT-	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
### ABACHULD SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SULCONOX - SIM427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC ### ASSOCIATION - MOSFET P-CH 30V 9.7A 8-SOIC ### Resistor _ a 1%, 0.1W, 0603 ### Resistor _ a 1%	Q39, Q40, Q41, Q42, Q42, Q42, Q42, Q43, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-16 SOT-17 SOT	10 2 2 2 2 3 2 2 3 2 3 2 3 2 3 3 2 3 3 2 3	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
### ABACHULD SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SULCONOX - SIM427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC ### ASSOCIATION - MOSFET P-CH 30V 9.7A 8-SOIC ### Resistor _ a 1%, 0.1W, 0603 ### Resistor _ a 1%	G99, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q42	SOT-6 SOT-8 SOT-16 SOT-17 SOT-	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
FABICHUD SEMICONDUCTOR - FDCSIGNP - MOSFET P-CH 20V 1 SA SSOTIG VISHAY SILICONEX - SI44278DV-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIIC Resistor, a 1%, 0.1W, 0603	Q39, Q40, Q41, Q42, Q42, Q42, Q42, Q43, Q42, Q43, Q44, Q44, Q44, Q44, Q44, Q44, Q44	SOT-6 SOT-6 SOT-127PGO- BAN RESC160BN RESC	10 2 2 2 2 3 2 2 3 2 3 2 3 2 3 3 2 3 3 2 3	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
FARICHILD SEMICONDUCTOR - FOCESIOP - MOSFET P-CH 20V 1 SA SCOT6 VISHAY SILICONOX - SIA427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC VISHAY SILICONOX - SIA427BDY-T1-E3 - MOSFET P-CH 30V 9.7A 8-SOIC Resistor - 11%, 0.1W, 0603 Res	Q39, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q44, Q42, Q44, Q44	SOT-6 SOT-16 SOT-17 SOT	10 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R
ASSACH D SEMICONDUCTOR - FOCGINE - MOSFET P-CH 20V 1 SA SCOT6 MISHAY SILICONIX - SIA4278DY-T1-E3 - MOSFET P-CH 30V 9.7A B-SOIC MISHAY SILICONIX - SIA4278DY-T1-E3 - MOSFET P-CH 30V 9.7A B-SOIC Resistor , a 1%, 0.1W, 0603 Resistor , a 1%, 0.1W, 0	CB9, Q40, Q41, Q42, Q42, Q42, Q42, Q42, Q42, Q42, Q42	SOT-6 SOT-6 SOT-127PGO- BAN RESC160BN RESC	1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	150R 10k 470R 500k 1M 442k 150k 51k 698k 82k 2k 330R