





0.1uF	Description	Designator	Footprint	LibRef	Quantity
10uF/50V-1206-	-	C1	C(SMDCC-0603)	cc	
10%		C2, C4	c(SMDCC-1206)	cc	
0.1uF/50V-1206-	1	C3	C(SMDCC-1206)	cr:	
10% 0.1uF/50V-0603-	1	C5, C11, C13, C19,			
10%		C38, C39, C40, C43	c(SMDCC-0603)	cc	
10uF/50V-1206-		C6	C(SMDCC-0805)	cc	
10% HV1812X7R103K2					
02P		C8, C9	C(SMDCC-1812)	cc	
0.1uF/50V		C12	C(SMDCC-0603)	CC	
10uF/50V-0603-		C14	C(SMDCC-0603)	cc	
10% 22uF/10V-1206-					
20%		C15	C(SMDCC-1206)	cc	
15pF/50V-0805-5%		C16, C20	C(SMDCC-0603)	CC	
4.7uF/50V		C17	c(SMDCC-0603)	CC	
100uF/ 16V		C18	C(TAJD-7343)	EC	
470pF/50V-0805- 5%		C35, C36	C(SMDCC-0603)	cc	
0.1uF/50V-0603		C37	c(SMDCC-0603)	CAP	
22pF/50V-0603-5%	Capacitor	C41, C42	C(SMDCC-0603)	CAP	
S3M	Diode	D1	D(SMC)	DIODE	
SMCJ36CA		D2, D3, D6	D(SMC)	ZDIDEO	
1N5822JF	Diode	D4	d(SMDD-CCE)	DIODE	
SMB15VAC		D5	d(SMDD-CCD)	ZDIDEO	
SMBJ33CA		D8, D9	d(SMDD-CCD)	ZDIDEO	
BAV70		D10	SOT-23	BAV70	
1N4148WS		D11, D12	SOD-323	DO	
2920/33V/1.1A		F1	SMD2920	RES-ANTI	
744273801		F2	WE-SL5	EMI FILTER	
CH-4AW		HP1	CH3.96MM-4AW	4PIN	
Header 5	Header, 5-Pin	J2	SIP-5	Header 5	
10PIN		JP1	FPC_1.25_10	10PIN	
22uH/3.37A		L2	PCMB063T	INDUCTOR1	
0805/ ∰ (525±5nm)-		LED1, MCU1	LED(SMDLED-	LED	
高亮	N-Channel	Q2, Q3, Q4, Q5,	0805)		—
BSS138LT1G	MOSFET	Q2, Q3, Q4, Q5, Q6, Q7	SOT-23	MOSFET-N	
SMV1812H380NXB		R1, R2	R(SMDR-1812)	ZNR	
R-150M-1/4W-		R4, R5	R(SMDR-1206)	RES	
1206-5% R-1K-1/8W-0603-					
1%	100	R6	R(SMDR-0603)	电阻	
1.2K-1%		R9	R(SMDR-0603)	RES	
3.5K-1%		R10	R(SMDR-0603)	RES	
15k		R11	R(SMDR-0603)	RES	
100k		R13	R(SMDR-0603)	RES	
D 00K 4/00 00 00 -		R14, R15, R17,			
R-20K-1/8W-0805- 1%		R18, R19, R20, R21, R22, R23,	R(SMDR-0603)	R	
		R21, R22, R23, R24	L	<u> </u>	<u></u>
R-4.7K-1/8W-0805-		R16, R25	R(SMDR-0603)	R	1
1% R-100-1/10W-	 	R26, R27, R28,		-	-
0603-1%		R29, R30, R31	R(SMDR-0603)	R	
		R32, R33, R34,			
R-10K-1/10W-		R37, R38, R39, R46, R48, R49,	1		
0603-1%		R55, R64, R65,	R(SMDR-0603)	R, RES	
		R77, R83, R84,	1		
R-0-1/10W-0603-	—	R85, R86, R88 R43, R47, R51,		L	-
1%		R52, R53, R54	R(SMDR-0603)	R	
R-150-1/8W-0805-		R44	R(SMDR-0603)	R	
1% R-1.6K-1/8W-0805-					
1%		R45	R(SMDR-0603)	R	
		R50, R67, R68,			
		R69, R70, R71, R72, R73, R74,	1		
R-1K-1/10W-0603-	1	R72, R73, R74, R75, R78, R79,	R(SMDR-0603)	R	ı
	i .		l ·/		
1%		R81, R92, R93,			
170		R81, R92, R93, R94, R95, R96,			
		R81, R92, R93, R94, R95, R96, R97		250	
R-150-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W-		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87,	R(SMDR-0603) R(SMDR-0603)	RES RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W-		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1			
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T36, T37, T38,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R80, R82, R87, R80, R90, R91 SW1 T4, T5, T6, T8, T18, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T46, T47,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R96, R96, R97 R76 R80, R82, R87, R89, R90, R91 SW1 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T39, T40, T41, T42, T43, T44, T45, T45, T47, T45, T46, T47, T48, T49, T50,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R82, R87, R89, R90, R91 T4, T5, T6, T6, T16, T21, T22, T23, T24, T25, T26, T31, T32, T33, T34, T35, T39, T40, T41, T42, T43, T44, T45, T46, T47, T48, T49, T50, T54, T55, T56,	R(SMDR-0603)	RES	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R80, R82, R87, R80, R92, R87, R80, R90, R91 F4, T5, T6, T8, T16, T2, T26, T31, T32, T32, T34, T35, T36, T37, T38, T39, T40, T41, T48, T41, T52, T31, T44, T45, T46, T47, T48, T49, T50, T54, T55, T56, T57, T58, T59, T56, T57, T58, T59, T60, T61, T62,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R80, R82, R87, R80, R82, R87, R80, R90, R91 T4, T5, T6, T6, T16, T21, T22, T23, T24, T25, T24, T24, T25, T33, T34, T35, T36, T37, T38, T36, T37, T38, T37, T38, T37, T38, T37, T38, T37, T38, T37, T38, T39, T36, T37, T38, T37, T38, T39, T36, T37, T38, T37, T38, T39, T36, T37, T38,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R80, R91 R80, R90, R91 SW1 11, T4, T6, T8, T1, T2, T6, T8, T1, T2, T2, T24 T23, T24, T25, T26, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T44, T43, T44, T45, T46, T47, T48, T49, T50, T51, T52, T58, T59, T57, T58, T59, T57, T58, T59, T57, T58, T59, T60, T61, T62, T63, T64, T65, T60, T61, T62, T63, T64, T65, T66, T67, T68,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R86, R82, R87, R88, R80, R91 T4, T5, T5, T5, T4, T5, T5, T26, T31, T32, T33, T34, T35, T39, T40, T41, T42, T43, T44, T42, T43, T44, T44, T45, T46, T47, T48, T49, T50, T51, T52, T53, T54, T55, T56, T51, T52, T53, T54, T55, T56, T51, T52, T53, T54, T55, T56, T66, T67, T68, T66, T67, T68, T67, T67, T67, T68, T67, T68, T67, T68, T67, T68, T67, T68, T67, T68,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R80, R95, R96, R87 R80, R90, R91 SWH 14, T5, T6, T8, T16, T21, T22, T24, T25, T26, T31, T32, T33, T34, T35, T38, T37, T38, T39, T39, T39, T39, T39, T39, T39, T39,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R94, R95, R96, R97 R76 R80, R87, R76, R80, R80, R91 SW1 T4, T5, T6, T8, T16, T21, T22, T23, T24, T25, T26, T31, T32, T36, T37, T38, T39, T40, T41, T45, T46, T47, T45, T46, T47, T45, T46, T47, T57, T58, T57, T58, T67, T68, T67, T68, T68, T77, T78, T68, T77, T88, T68, T77, T88, T68, T77, T88, T68, T76, T77, T68, T76, T77, T75, T76, T77, T76, T76, T77, T76, T76, T77,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R96, R96, R97, R96, R95, R96, R97, R97, R77, R89, R90, R91, R97, R90, R91, R91, R91, R91, R91, R91, R91, R91	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W- 0603-1% R-5.1K-1/10W- 0603-1%		R81, R92, R93, R95, R96, R97 R76 R80, R85, R96, R87 R80, R80, R81 R80, R80, R81 SW1 T4, T3, T6, T8, T16, T21, T22, T24, T25, T23, T24, T25, T23, T24, T25, T23, T24, T35, T34, T35, T40, T41, T45, T46, T47, T45, T46, T47, T45, T46, T47, T51, T52, T53, T61, T52, T53, T61, T62, T63, T64, T65, T66, T67, T68, T69, T70, T71, T72, T73, T74, T772, T73, T74, T774, T78, T78, T88, T89, T90, T91,	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W-0603-1% R-3 1K-1/10W-0603-1% VW-11-0P-0608-1% VW-11-0P-06R		R81, R92, R93, R96, R96, R97, R96, R95, R96, R97, R97, R77, R89, R90, R91, R97, R90, R91, R91, R91, R91, R91, R91, R91, R91	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-150-1/10W-0603-1% R-3.1K-1/10W-0603-1% R-3.1K-1/10W-0603-1% WT11-DP-06R		R81, R92, R93, R96, R96, R97, R96, R98, R96, R98, R96, R97, R76 R80, R80, R97, R80, R82, R87, R80, R90, R91 SW1 14, T5, T6, T6, T6, T72, T22, T24, T25, T26, T31, T32, T34, T35, T36, T31, T32, T34, T36, T31, T36, T37, T38, T39, T40, T41, T45, T46, T47, T45, T46, T47, T56, T67, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T68, T67, T68, T67, T68, T69, T69, T69, T69, T69, T69, T69, T69	R(SMDR-0603) WT11-6-AW	RES SWITCH6 TESTPOINT	
R-150-1/10W-0603-1% R-3.1K-1/10W-0603-1% R-3.1K-1/10W-0603-1% WT11-DP-06R WT11-DP-06R		R81, R92, R93, R96, R96, R97, R96, R95, R96, R97, R96, R97, R97, R98, R92, R87, R97, R98, R92, R97, R98, R92, R97, R98, R92, R97, R98, R92, R91, R93, R94, R94, R94, R94, R94, R94, R94, R94	R(SMDR-0603) WT11-6-AW	RES SWITCH-6	
R-155-1/1 (0W-0603-1%) R-3.16-1/1 (10W-0603-1%) R-3.16-1/1 (10W-0603-1%) WT11-0P-06R SOT. 20/2-R/0/350W/ // 20/2-R/0/2-		R81, R92, R93, R96, R96, R97, R96, R98, R96, R98, R96, R97, R76 R80, R80, R97, R80, R82, R87, R80, R90, R91 SW1 14, T5, T6, T6, T6, T72, T22, T24, T25, T26, T31, T32, T34, T35, T36, T31, T32, T34, T36, T31, T36, T37, T38, T39, T40, T41, T45, T46, T47, T45, T46, T47, T56, T67, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T68, T67, T68, T67, T68, T69, T69, T69, T69, T69, T69, T69, T69	R(SMDR-0603) WT11-6-AW	RES SWITCH6 TESTPOINT	
R-150-1/10W- 0603-1% RR-1KF1/10W- 0603-1% WT11-0P-06R WT11-0P-06R		R81, R92, R93, R95, R96, R97 R76 R77 R80, R85, R82, R87, R80, R87 R80, R80, R81 SW1 T4, T3, T6, T8, T16, T21, T22, T24, T25, T26, T31, T32, T34, T35, T35, T36, T36, T36, T36, T36, T36, T36, T36	R(SMDR-0603) WT116-AW TEST SOT-23	RES SWITCH6 TESTPONT TVS-SOT23 VOL	
R-150-1/10W- 0600-1% R-3.1K-1/10W- 0600-1% R-3.1K-1/10W- 0600-1% WT11-DP-06R WT11-DP-06R 20 24W 350W/ g in 17988600TX- 3.3 NOPB		R81, R92, R93, R96, R96, R97, R96, R95, R96, R97, R78, R97, R77, R89, R92, R87, R89, R92, R87, R89, R92, R81, R92, R93, R94, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R94, R95, R95, R95, R95, R95, R95, R95, R95	R(SMDR-6603) WT116-AW TEST S0T-23 T0-252 PS0P-8	RES SWITCH6 TESTPOINT TVS-SOT23 VOL LM22674-ADJ	
R-150-1/10W- 0003-1% R-3.1K-1/10W- 0003-1% R-3.1K-1/10W- 0003-1% WT11-DP-06R WT11-DP-06R SOT. 23/24W/350W//// WT1286690DTV- 33/NOPB LM22876-ADJ LM22876-ADJ		R81, R92, R93, R96, R97, R98, R98, R98, R98, R98, R98, R98, R97, R78, R78, R78, R78, R78, R78, R78, R7	R(SMDR-0603) WT11-6-AW TEST SOT-23 TO-232 PSOP-8 SO-8	RES SWITCH6 TESTPONT TVS-SOT23 VOL LM22674-ADJ LM293	
R-150-1/10W-0600-1% R-3.1K-1/10W-0600-1% R-3.1K-1/10W-0600-1% WT11-DP-06R WT11-DP-06R 202-1% WT11-DP-06R 202-1% WT11-DP-06R 302-1% WT11-DP-06R 302		R81, R92, R93, R96, R96, R97, R96, R96, R96, R96, R97, R76, R97, R80, R82, R87, R80, R82, R87, R80, R82, R81, R81, R82, R82, R82, R83, R94, R83, R80, R91, R83, R94, R94, R94, R94, R94, R94, R94, R94	R(SMDR-6603) WT116-AW TEST S0T-23 T0-252 PS0Dr-8 S0-8 S0-8 S0-8 S0-8 S0-8 S0-8 S0-8 S0	RES SWITCH6 TESTPOINT TVS-SOT23 VOL LM2874-ADJ LM193 SWI05-4	
R-150-1/10W- 0603-1% R-3.1K-1/10W- 0603-1% R-3.1K-1/10W- 0603-1% WT11-DP-06R SOT- 23-24W-350W//2 LP36860DTX- 23-3W-078-DJ LM22076-DJ LM22076-DJ		R81, R92, R93, R96, R96, R97, R98, R98, R96, R98, R96, R97, R78, R78, R78, R78, R78, R78, R78, R7	R(SMDR-0603) WT11-6-AW TEST SOT-23 TO-252 TPOSCP-8 SO1-30-P SO3-30-P SO3-80-P SO	RES SWITCH6 TESTPONT TVS-SOT23 VOL LM22674-ADJ LM293 SRV06-4 CATT06	
R-150-1/10W- 0600-1% RR-3 RK-110W- 0600-1% RR-3 RK-110W- 0600-1% WT11-DP-06R WT11-DP-06R 50T. 23/24W/550W/g 6 H2788600DTX- 3.3 NOPB 3.3 NOPB MAV232 MAV232 H26T1CH4FD48	LPC11G14	R81, R92, R93, R96, R96, R97, R96, R96, R96, R96, R97, R76, R97, R80, R82, R87, R80, R82, R87, R80, R82, R87, R80, R82, R81, R82, R82, R82, R83, R94, R83, R82, R82, R83, R94, R94, R94, R94, R94, R94, R94, R94	R(SMDR-6603) WT116-AW TEST S0T-23 T0-252 PS0P-8 S0-8 S0-8 S0-8 S0-8 L0FP448	RES SWITCH6 TESTPOINT TVS-SOT23 VOL LM22674-ADJ LM193 SRV05-4 CAT706 CAT706	
R-150-1/10W- 0603-1% R-3.147-10W- 0603-1% R-3.147-10W- 0603-1% WT11-DP-06R WT11-DP-06R SOT- 23-24W-350W/// WT15-DP-06R UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ UM2017-ADJ	LPC11C14	R81, R92, R93, R96, R96, R97, R96, R96, R96, R96, R96, R97, R76, R97, R76, R97, R76, R97, R76, R97, R76, R97, R76, R97, R97, R97, R97, R97, R97, R97, R97	R(SMDR-0603) WT11-6-AW TEST SOT-23 TO-252 PSOP-6 SO-8 SO-8 SO-9 SO-9 SO-9 SO-9 SO-9 SO-9 SO-9 SO-9	RES SWITCH6 TESTPOINT TVS-SOT23 VU UU22874-AQJ UM93 SRV054 CATHORIO AG UPCT146FB048 PET146FB048	
R-150-1/10W- 0600-1% RR-3 RK-110W- 0600-1% RR-3 RK-110W- 0600-1% WT11-DP-06R WT11-DP-06R 50T. 23/24W/550W/g 6 H2788600DTX- 3.3 NOPB 3.3 NOPB MAV232 MAV232 H26T1CH4FD48	LPC11C14	R81, R92, R93, R96, R96, R97, R96, R96, R96, R96, R97, R76, R97, R80, R82, R87, R80, R82, R87, R80, R82, R87, R80, R82, R81, R82, R82, R82, R83, R94, R83, R82, R82, R83, R94, R94, R94, R94, R94, R94, R94, R94	R(SMDR-6603) WT116-AW TEST S0T-23 T0-252 PS0P-8 S0-8 S0-8 S0-8 S0-8 L0FP448	RES SWITCH6 TESTPOINT TVS-SOT23 VOL LM22674-ADJ LM193 SRV05-4 CAT706 CAT706	