







Comment	Description	Designator	Footprint	LibRef	Quantity
	[NoValue], Cap,0.1uF,104, Cap,0.1uF,104,				
	Cap,0.1uF,104, Cap,0.1uF,104, [NoValue],				
	[NoValue], [NoValue],	C1, C9, C10, C11, C20,		C, C_0.1uF, C_0.1uF,	
0.1uF	[NoValue], [NoValue],	C21, C24, C25, C26, C27,	0603	C_0.1uF, C, C, C, C, C, C, C,	14
	[NoValue], [NoValue],	C28, C35, C40, C41		C, C, C	
	[NoValue], [NoValue], [NoValue]				
1uF	[NoValue]	C2, C3, C4	0603	c	
2.2nF		C5	0603	c	3
470uF	Cap,100uF,DIP	C6	SMD16	CAP+ 100uF	1
					<u> </u>
22uF	钽电容 SMD 6.3*5.5 50V	C8	SMD6	CAP+_100uF	1
0.01uF	60 th shi (220 c. (/227) 1 00/	C16	0603	C	1
220uF	钽电容/220uF(227) 1 0% 16V	C17	CAP-7343	CAP	1
	Polarized Capacitor				
Cap Pol3	(Surface Mount)	C18, C19, C22, C23	CAP-3216	Cap Pol3	4
6pF		C29, C30	0603	C	2
20pF		C31, C32	0603	C	2
104		C33, C34, C36, C39	0603	C	4
2.2uF		C37, C38	0603	C	2
CAN1		CAN1	HEAD2L-0.8	HEAD2	1
CAN2		CAN2	HEAD2L-0.8	HEAD2	1
LRB551V-30T1G	LRB551V-30T1G 20V	D1, D3	SOD-323	D_DIODE LRB	2
LKB331V-3011G	0.5A 肖特基二极管	D1, D3	300-323	D_DIODE LKB	۷
CHARLE C.C.	TVS,SMBJ 6.5CA,600W	03.04	00.34444	Change Cock	
SMBJ 6.5CA	SMD Transient Voltage Suppressor Diodes,	D2, D4	DO-214AA	SMBJ 6.5CA	2
	TVS,SMBJ 6.5CA,600W				
SMDJ 33CA	SMD Transient Voltage	D5	SMC	SMBJ 6.5CA	1
	Suppressor Diodes,				
cum cc.	TVS,SMBJ 6.5CA,600W	25	20 2444	CHARLES CO.	
SMBJ 6CA	SMD Transient Voltage Suppressor Diodes,	D6	DO-214AA	SMBJ 6.5CA	1
B340A	TVS	D8	SMBJ	SMBJ	1
SMBJ3.3A	TVS	D9	SMBJ	SMBJ	1
SMBJ5A	TVS	D10	SMBJ	SMBJ	1
SMB/5A	Typical RED, GREEN,	DIO	2MR)	ZMRI	'
LED1	YELLOW, AMBER GaAs	DS1	SMDLED	LED2	1
	LED				
	Typical RED, GREEN,				
LED2	YELLOW, AMBER GaAs	DS2	SMDLED	LED2	1
JTAG	LED	JTAG	TAC 30	JTAG	
	1.0		JTAG_20		1
Inductor	电感	L1	L-SMD-10	Inductor	1
Header 8	Header, 8-Pin	P1, P4	HDR8X1_A1	Header 8	2
POWER_JACK		P2	DC_IN	POWER_JACK	1
PTC		P3	1812	PTC	1
	接插件	P5	HDR6X1_A	Header 6	1
Header 6			TIDITOX 1_PA		
	Typical RED, GREEN,	-			
LED3	Typical RED, GREEN, YELLOW, AMBER GaAs	Power	SMDLED	LED2	1
LED3	Typical RED, GREEN, YELLOW, AMBER GaAs LED	Power	SMDLED	LED2	1
LED3 9013	Typical RED, GREEN, YELLOW, AMBER GaAs	Power Q1, Q2	SMDLED SOT-23	LED2 L2SC4617RT1G	1
LED3	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G	Power	SMDLED	LED2	1
LED3 9013	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar	Power Q1, Q2	SMDLED SOT-23	LED2 L2SC4617RT1G	1
LED3 9013 RFD16N05LSM	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar	Power Q1, Q2 Q3	SMDLED SOT-23 TO-252AA	LED2 L2SC4617RT1G IGBT-N	1 2
DED3 9013 RFD16N0SLSM 240R 240	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue],	Power Q1, Q2 Q3 R1, R6 R2, R7	SMDLED SOT-23 TO-252AA 1206 1206	LED2 L2SC4617RT1G IGBT-N R	1 2
LED3 9013 RFD16N05LSM 240R	Typical RED, GREEN, YELLOW, AMBER GAAS LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], Res,1K,0603	Power Q1, Q2 Q3 R1, R6	SMDLED SOT-23 TO-252AA 1206	LED2 L2SC4617RT1G IGBT-N	1 2
DED3 9013 RFD16N0SLSM 240R 240	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res_1K,0603, [NoValue], [NoValue], Res_1K,0603 Res_1K,0603, Res_1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7	SMDLED SOT-23 TO-252AA 1206 1206	LED2 L2SC4617RT1G IGBT-N R	1 2
LED3 9013 RFD16N05LSM 240R 240 OR	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K0603, [NoValue], [NoValue], Res,1K0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R,1K,R,R,R,1K	1 2 1 2 2 2
DED3 9013 RFD16N0SLSM 240R 240	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res_1K,0603, [NoValue], [NoValue], Res_1K,0603 Res_1K,0603, Res_1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40,	SMDLED SOT-23 TO-252AA 1206 1206	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1	1 2
LED3 9013 RFD16N05LSM 240R 240 OR	Typical RED, GREEN, YELLOW, AMBER GAAS LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K0603, [NoValue], [NoValue], Res,1K0603, R	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R,1K,R,R,R,1K	1 2 1 2 2 2
LED3 9013 RFD16N05LSM 240R 240 OR	Typical RED, GREEN, VELCOW, AMBER GaAs LED L2SC4617RT1G Insulated Gaste Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], [NoValue], Res,1K,0603, Res,1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40,	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1	1 2 1 2 2 2
LED3 9013 RFD16N05LSM 240R 240 OR	Typical RED. GREEN. VEILOW, AMBER GaAs. LED LED LESCAG17RTIG Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], Res,1K,0603, Res,1	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40,	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1	1 2 1 2 2 2
LED3 9013 RFD16N0SLSM 240R 240 OR	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res, IK,0603, [NoValue], [NoValue], Res, IK,0603, Res	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35,	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L25C4617RT1G IGBT-N R R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 2 4 4
LED3 9013 RFD16N05LSM 240R 240 OR	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED LESCAG17RTIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, R	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43,	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1	1 2 1 2 2 2
LED3 9013 RFD16N0SLSM 240R 240 OR	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35,	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L2SC4617RT1G IGBT-N R R R,1K,R,R,R,1K R,1K,R,1K,R,1K,R,	1 2 2 2 2 4 4
LED3 9013 RFD16N05L5M 240R 240 OR	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res.1K,0603, [NoValue], (NoValue), (NoValue), Res.1K,0603, Res.1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L25C4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 2 4 4
LED3 9013 RFD16N0SLSM 240R 240 0R 1K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 LED2 LESC4617RT1G IGGE-N R R R R, 1K, R, R, 1K, R,	1 2 2 2 4 4 12 12 12 11 11 11 11 2 2
LED3 9013 RF016N0SL5M 240R 240 OR 1K 10K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603	LED2 L2SC4617RT1G IGBT-N R R R, 1K R, R, R, 1K R, 1K R, 1K, R,	1 2 2 2 4 11 11 12 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240 0R 1K 10K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23	SMDLED SOT-23 TO-252AA 1206 1206 0603	LED2 L25C4617RT1G IGGT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 4 4 12 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RF016N0SL5M 240R 240 OR 1K 10K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603	LED2 L2SC4617RT1G IGBT-N R R R, 1K R, R, R, 1K R, 1K R, 1K, R,	1 2 2 2 4 11 11 12 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240 0R 1K 10K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603	LED2 L25C4617RT1G IGGT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 4 4 12 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SL5M 240R 240 00R 1K 10K 3K 4998	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R23 R24	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603	LED2 L2SC4617RT1G K08T-N R R R,1K,R,R,R,1K R,1K,R,1K,R,1K R,1K,R,1K,	1 2 2 4 4 11 11 11 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SLSM 240R 240R 240 0R 1K 10K 3K 499R 18K 60dK 11K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED CASCASTATIG Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], [NoValue], Res.1K.0603, Re	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R36, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28	SMDLED SOT-23 TO-252AA 1206 1206 6603 0603 0603 0603 0603 0603 0603 0603	LED2 L2SC4617RT1G IGBT-N R R R,1K R, R R,1K R,1K R,1K R,1K R,1K R,1K R,1K R,R R, R R,R R,R R,R R R R R R R R R R R R R	1 2 2 4 4 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240 OR 1K 10K 3K 499R 18K 6.04K	Typical RED, GREEN, YELOW, AMBER GaAs LED L2S-C4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], [NoValue], Res,1K,0603, Res,1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603	LED2 L25C4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1K, R, 1K, R, 1K R, 1K, R, 1K, R, 1K, R, 1K R, R	1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SLSM 240R 240R 240 0R 1K 10K 3K 499R 18K 60dK 11K	Typical RED, GREEN, YELOW, AMBER GaAs LED L2S-C4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], [NoValue], Res,1K,0603, Res,1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R36, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28	SMDLED SOT-23 TO-252AA 1206 1206 6603 0603 0603 0603 0603 0603 0603 0603	LED2 L2SC4617RT1G IGBT-N R R R,1K R, R R,1K R,1K R,1K R,1K R,1K R,1K R,1K R,R R, R R,R R,R R,R R R R R R R R R R R R R	1 2 2 4 4 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240 OR 1K 10K 499R 18K 604K 11K 287K Rest	Typical RED, GREEN, YELOW, AMBER GaAs LED L2S-C4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], [NoValue], Res,1K,0603, Res,1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603	LED2 L25C4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 4 4 12 12 11 11 1 1 1 1 1 1 1 4 1 1 1 1
LED3 9013 RFD16N0SL5M 240R 240R 1K 10K 10K 3K 4598 18K 6.06K 11K 11K 2287X Res1 10M 10R	Typical RED, GREEN, YELOW, AMBER GaAs LED L2S-C4617RT1G Insulated Gate Bipolar Transistor (N-Channel) Res,1K,0603, [NoValue], [NoValue], [NoValue], Res,1K,0603, Res,1K,0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R45	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603	LED2 L2SC4617RT1G KG8T-N R R R, 1K, R, R, R, 1K R, 1K, R, 1K, R, 1K, R, 1K R, 1K, R, 1K, R, 1K, R, 1K R, 1K, R, 1K, R, 1K, R, R, R, R, R R, R, R, R, R, R R R R R R R R R R R R R	1 1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RF016N0SLSM 240R 240 OR 1K 10K 3K 499R 18K 604K 11K 11K 10K 11R 1287K	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G L2SC4617RT1G Insulated Garae Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], Res.1K.0603, Res.1K.06	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R24 R37 R39 R34 R47 R47 R47 R47 R47 R47 R47 R47 R47 R4	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 060	LED2 L2SC4617RT1G IGBT-N R R R, 1K R, R R, 1K R, 1K R, 1K, R, 1K R, 1K R, 1K, R, 1K R, 1K, R, 1K, R, 1K R, R, R, R, R R, R, R, R, R R R R R R R R R R R R R	1 2 2 2 4 4 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240 OR 1K 10K 3K 499R 18K 604K 11II 2.87K Res1 10M 10R 1120R 5W-PB	Typical RED, GREEN, YELLOW, AMBER GaAs LED L2SC4617RT1G L2SC4617RT1G Insulated Garae Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], Res.1K.0603, Res.1K.06	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R45 R47, R49	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603	LED2 L25C4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 4 4 12 12 11 11 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SL5M 240R 240R 240 0R 1K 10K 3K 499R 18K 604K 11K 11K 2.287K Res1 10M 10R 120R 5W-PB 5WHTCH	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gare Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], (NoValue], Res.1K.0603, Res.1K.0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R27 R28 R47 R47 R48 R47 R47 R48 R47 R48 R47 R48 R47 R49 RESET	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603	LED2 L2SC4617RT1G IGST-N R R R, 1K, R, R, R, 1K R, 1K, R, 1K, R, 1K R, 1K, R, 1K, R, 1K R, 1K, R, 1K, R, 1K R, R, R, R R R, R, R, R, R R R R R R R R R R R R R	1 1 2 2 2 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SL5M 240R 240R 240R 1K 10K 10K 11K 10K 10K 10K 10K 10K 10K	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED Irsulated Gate Bipclar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], Res.1K.0603,	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R47 R47 R47 R47 R47 R47 R48 R47 R47 R49 RESET S1 S1M32F405RG	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503 0503	LED2 L2SC4617RT1G KG8T-N R R R R,1K,R,R,R,1K R,1K,R,1K,R,1K	1 2 2 2 4 4 12 12 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RED16N0SLSM 240R 240R 240 OR 1K 10K 10K 3K 499R 18K 60K 11K 11K 11K 12BR 12BR 12DR 5W-PB 5WITCH 5TM 17PS ADG7111	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gare Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], (NoValue], Res.1K.0603, Res.1K.0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R22 R23 R24 R27 R28 R24 R27 R28 R28 R24 R27 R28 R24 R27 R28 R37 R47 R48 R47 R47 R47 R48 R47 R47 R47 R47 R48 R47 R47 R49 RESET S11 S1M32F405RG	SMDLED SOT-23 TO-252AA 1206 1206 6603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0KD 3B 0KD 3	LED2 L2SC4617RT1G IGBT-N R R R, 1K R, R R, 1K R, 1K R, 1K, R, 1K R, 1K R, 1K, R, 1K R, 1K R, 1K, R, 1K R, R, R, R R R, R, R, R, R, R R R R R R R R R R R R R	1 1 2 2 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SLSM 240R 240 OR 1K 10K 10K 287 499R 18K 6.04K 11II 11IK 2.87X Rest 100M 10R	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gare Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], (NoValue], Res.1K.0603, Res.1K.0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R25 R27 R28 R27 R28 R24 R45 R45 R45 R47 R49 RESET S1 S1TM2E405RG TPS5430 U1 U2	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0803	LED2 L2SC4617RT1G IGBT-N R R R R, 1K, R,	1 1 2 2 2 4 4 12 12 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240R 240 OR 1K 10K 10K 3K 499R 18K 604K 11K 11K 22R7K Res1 10M 10R 11Z0R SW-P8 SWITCH STM TPS ADG711 AD57924 AD673124	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gare Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], (NoValue], Res.1K.0603, Res.1K.0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R47 R47 R48 R47, R49 RESET S1 S1M32F405RG	SMDLED SOT-23 TO-252AA 1206 1206 1206 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6703 6803	LED2 L2SC4617RT1G KG8T-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 2 2 2 4 4 12 12 11 11 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SLSM 240R 240R 240 OR 1K 10K 10K 3K 499R 18K 604K 11K 11K 22R7K Res1 10M 10R 11Z0R SW-P8 SWITCH STM TPS ADG711 AD57924 AD673124	Typical RED, GREEN, VELLOW, AMBER GaAs LED L2SC4617RT1G Insulated Gare Bipolar Transistor (N-Channel) Res.1K.0603, [NoValue], [NoValue], (NoValue], Res.1K.0603, Res.1K.0603	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R25 R27 R28 R27 R28 R24 R45 R45 R45 R47 R49 RESET S1 S1TM2E405RG TPS5430 U1 U2	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0803	LED2 L2SC4617RT1G IGBT-N R R R R, 1K, R,	1 1 2 2 2 4 4 12 12 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SLSM 240R 240R 240 OR 1K 10K 10K 3K 499R 18K 660K 111K 22R Res1 10M 10R 112R SWITCH STM TPS ADG7911 ADG7924 OPA313 TA/1050/SN65HVD232D R	Typical RED. GREEN, VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED Insulated Gate Bipolar Transistor (N-Channel) Res.1K.0603, [Novalue], [NoValue], [NoValue], Res.1K.0603, R	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R47, R49 R55ET S11 S1M32F405RG TPSS430 U1 U2 U3 U4, U5	SMDLED SOT-23 TO-252AA 1206 1206 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0503	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 1 2 2 3 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RF016N0SLSM 240R 240R 240 OR 1K 10K 3K 499R 18K 604K 11K 11K 10K 11K 10K 10K 3K 11K 10K 10K 11K 10K 10K 11K 10K 10K 11K 10K 10	Typical RED, GREEN, VELLOW, AMBER GaAs LED LESCA617RT1G Insulated Garae Bipolar Transistor (N-Channel) Res.1Kの603, [NoValue], [NoValue], (NoValue], Res.1K0603,	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R34 R45 R45 R47 R49 R55ET S1 S1M32F405RG TP55430 U1 U2 U3 U4, U5 U*1	SMDLED SOT-23 TO-252AA 1206 1206 6603 6503	LED2 L2SC4617RT1G IGBT-N R R R, 1K R, R R, 1K R, 1K R, 1K, R, 1K R, 1K R, 1K, R, 1K R, 1K, R, 1K, R, 1K R, R, R, R, R R, R, R, R, R, R R R R R R R R R R R R R	1 2 2 2 4 4 12 12 11 11 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SL5M 240R 240R 240R 240R 34 15 10K	Typical RED GREFN VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED GREFN VELLOW, AMBER GAR RES. IK. GAGO3, ROS. IK. GAGO	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R47 R48 R47, R49 R55ET S1 S1M32F405RG T755430 U1 U2 U3 U4, U5	SMDLED SOT-23 TO-252AA 1206 1206 1206 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 50003 50003 6003 6003 6003 50003 6003	LED2 L2SC4617RT1G KG8T-N R R R, 1K, R, R, R, 1K R, 1K, R,	11 11 11 11 11 11 11 11 11 11 11 11 11
LED3 9013 RFD16N0SL5M 240R 240R 240 OR 1K 10K 3K 499R 18K 604K 11K 11K 2287K Res1 10M 11CR 1120R 5W-PB 5W-PB 5W-TCH 5TM TPS ADG711 ADS7924 CPA313 T/A1050/SN65HVID232D R LP3871-5V LP3871-5V LP3871-5V LP3871-5V LP3871-5V	Typical RED. GREEN、 YELLOW, AMBER GaAs LED LED LESCA617RT1G Irsulated Gate Bipolar Transistor (N-Channel) Res.1K0603, [NoValue], [NoValue], [NoValue], Res.1K0603, Res.1K060	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R27 R28 R27 R28 R37 R37 R38 R47 R47 R49 R58 R51 STM32F405RG TPS5430 U1 U2 U3 U4, U5 U11 U2 U12 U11 U2 U11 U11	SMDLED SOT-23 TO-252AA 1206 1206 6603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0603 0503	LED2 L2SC4617RT1G IGBT-N R R R, 1K, R, R, R, 1K R, 1K, R, 1K, R, 1K R, R, R, R, R R R R R R R R R R R R R	1 1 2 2 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
LED3 9013 RFD16N0SL5M 240R 240R 240R 240R 34 15 10K	Typical RED GREFN VELLOW, AMBER GaAs LED VELLOW, AMBER GaAs LED GREFN VELLOW, AMBER GAR RES. IK. GAGO3, ROS. IK. GAGO	Power Q1, Q2 Q3 R1, R6 R2, R7 R3, R8, R17, R39 R4, R5, R9, R10, R15, R16, R19, R20, R26, R33, R40, R42 R11, R12, R21, R34, R35, R36, R37, R38, R41, R43, R48 R13, R14 R22 R23 R24 R27 R28 R29, R30, R31, R32 R44 R47 R48 R47, R49 R55ET S1 S1M32F405RG T755430 U1 U2 U3 U4, U5	SMDLED SOT-23 TO-252AA 1206 1206 1206 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 6603 50003 50003 6003 6003 6003 50003 6003	LED2 L2SC4617RT1G KG8T-N R R R, 1K, R, R, R, 1K R, 1K, R,	1 1 2 2 3 4 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1