

Source Data From:	419-0051-0201_Chameleon96.PrjPcb
Project:	419-0051-0201_Chameleon96.PrjPcb
Variant:	None



Report Date:	2/20/2019	4:33 AM									
Print Date:	20-Feb-19	5:08:34 AM									
#	Comment	Description	Footprint	PART	TYPE	Marking	MFG	RoHS	TEMP	Designator	Quantity
1	4.7uF	CAP CER 4.7UF 6.3V XSR 0602	0402_C	GRM030R604710M47D	SMT	MLR2A	Yes	-55°C to +85°C	C1, C43, C44, C68, C69, C72, C74, C78, C89, C91, C112, C132, C138, C146, C151, C171, C172, C182, C188, C189, C197, C198, C200, C203, C204, C196, C199, C191, C193	32	
2	0.1uF	CAP CER 0.1UF 6.3V XSR 0201	0201_C	GRM033CE180A01J	SMT	MLR2A	Yes	-55°C to +85°C	C2, C3, C4, C6, C8, C10, C14, C15, C17, C22, C29, C30, C37, C41, C45, C47, C48, C51, C54, C56, C58, C59, C67, C69, C80, C81, C82, C84, C86, C87, C78, C79, C78, C80, C81, C82, C83, C84, C85, C86, C87, C88, C89, C91, C93, C94, C95, C96, C98, C99, C101, C102, C103, C105, C106, C108, C109, C110, C111, C113, C114, C115, C117, C118, C119, C120, C124, C125, C126, C127, C128, C130, C131, C133, C134, C135, C136, C137, C138, C141, C142, C143, C144, C145, C146, C147, C148, C150, C152, C153, C154, C156, C157, C158, C159, C160, C162, C163, C164, C165, C166, C167, C168, C169, C170, C171, C172, C174, C175, C176, C177, C178, C179, C180, C181, C183, C184, C187, C182, C188, C189, C195, C196, C199, C201, C202, C207, C208, C209, C210	134	
3	180pF	180p ±5% 25V Ceramic Capacitor COG, NP0 0201 (6003 Metric)	0201_C	GRM033CE180A01J	SMT	MLR2A	Yes	-55°C to +85°C	C8, C7, C28, C28, C38	5	
4	22uF	CAP CER 22UF 10V XSR 0805	0805_C	CAP CER 22UF 10V XSR 0805	SMT	MLR2A	Yes	-55°C to +85°C	C8, C11, C24, C25, C26, C27, C32, C32, C32, C104	10	
5	1uF	CAP CER 1UF 4V XSR 0201	0201_C	C2201MPC0804001	SMT	Yageo	Yes	-55°C to +85°C	C1, C13, C16, C18, C48, C49, C52	7	
6	22uF/25V	Capacitor 0805 footprints	0805_C		SMT				C16, C33	2	
7	4.7uF/25V	4.7uF ±10% 25V Ceramic Capacitor XSR 0603 (1608 Metric)	0603_C	C160803R1479K06AC	SMT	TKK	Yes	-55°C to +85°C	C21, C34	2	
8	0.1uF/25V	0.1uF ±10% 25V Ceramic Capacitor XSR 0201 (6003 Metric)	0201_C	C020201R100K020B8	SMT	TKK	Yes	-55°C to +85°C	C20, C39	2	
9	10uF	CAP CER 10UF 10V XSR 0603	0603_C	YV6210R01A100K10L	SMT	MLR2A	Yes	-55°C to +85°C	C35, C38, C42, C63, C68, C69, C70, C71, C79	9	
10	10uF	CAP CER 10UF 6.3V XSR 0603	0603_C	QL10A10M03NNAL	SMT	Samsung	Yes	-55°C to +85°C	C129	1	
11	2.2uF	CAP CER 2.2UF 25V COGNP0 0201	0201_C	GRM033CE12R0B01D	SMT	MLR2A	Yes	-55°C to +85°C	C129	1	
12	100uF	Capacitor 0201 footprints	0201_C	GRM033CE1010A01D	SMT	MLR2A	Yes	-55°C to +125°C	C188, C190, C191	1	
13	100uA 1P	Diode Schottky 30V 2A Surface Mount DO-214AA (SMD)	SMD	95C231-TP	SMT	B3	MicroCommercial	Yes			3
14	232C42G6	IC: 74 (SOT457)	SC-74 (SOT457)	PM232C42G6	SMT	NOP	Yes	-40°C to +85°C	D2, D4, D13, D14	4	
15	RGB-LED	Red, Green, Blue (RGB) 624nm Red, 525nm Green, 470nm Blue LED Indication - Discrete 2V Red, 3.5V Blue, 3.5V Blue 2-SMD, No Lead	LED_RGB_1206	LTST-8310F2K7	SMT	Lite-On	Yes		D3, D6	1	
16	LED-GREEN	LED-GREEN CLEAR 0603 SMD	0603_LED	LTST-C190K2K7	SMT	Lite-On	Yes	-55°C to +85°C	D6, D6, D7, D8	4	
17	LED-YELLOW	LED-YELLOW CLEAR 0603 SMD	0603_LED	LTST-C190VHYT	SMT	Lite-On	Yes	-55°C to +85°C	D1, D2, D3, D4, D5, D6, D7, D8, D9, D10, D11, D12, D13, D14, D15, D16, D17, D18, D19, D20, D21, D22, D23, D24, D25, D26, D27, D28, D29, D30, D31, D32, D33, D34, D35, D36, D37, D38, D39, D40, D41, D42, D43, D44, D45, D46, D47, D48, D49, D50, D51, D52, D53, D54, D55, D56, D57, D58, D59, D60, D61, D62, D63, D64, D65, D66, D67, D68, D69, D70, D71, D72, D73, D74, D75, D76, D77, D78, D79, D80, D81, D82, D83, D84, D85, D86, D87, D88, D89, D90, D91, D92, D93, D94, D95, D96, D97, D98, D99, D100, D101, D102, D103, D104, D105, D106, D107, D108, D109, D110, D111, D112, D113, D114, D115, D116, D117, D118, D119, D120, D121, D122, D123, D124, D125, D126, D127, D128, D129, D130, D131, D132, D133, D134, D135, D136, D137, D138, D139, D140, D141, D142, D143, D144, D145, D146, D147, D148, D149, D150, D151, D152, D153, D154, D155, D156, D157, D158, D159, D160, D161, D162, D163, D164, D165, D166, D167, D168, D169, D170, D171, D172, D173, D174, D175, D176, D177, D178, D179, D180, D181, D182, D183, D184, D185, D186, D187, D188, D189, D190, D191, D192, D193, D194, D195, D196, D197, D198, D199, D200, D201, D202, D203, D204, D205, D206, D207, D208, D209, D210, D211, D212, D213, D214, D215, D216, D217, D218, D219, D220, D221, D222, D223, D224, D225, D226, D227, D228, D229, D230, D231, D232, D233, D234, D235, D236, D237, D238, D23	4	
18	LED-BLUE	LED-BLUE CLEAR 0603 SMD	0603_LED	LTST-C190T8K7	SMT	Lite-On	Yes	-55°C to +85°C	D10	1	
19	PD1240CTL	Diode Array 1 Pair Common Cathode Schottky 40V 6A Surface Mount Power eSMT™ 5	PD1240CTL_13	PD1240CTL_13	SMT	Diode Inc	Yes	-65°C to +150°C	D11	1	
20	DDCE	DDC0N148	DDC0N148	DDC0N148	SMT	S3	Cornchip	Yes	+125°C	D15, D16, D17	4
21	Ferrite	FERRITE BEAD 120 OHM 0402 1LN	0402_R	VMZ 100S5 121CT1000	SMT		Yes	-55°C to +85°C	F81, F82, F83, F84, F85	5	
22	1.00M Power e Jack	93-041H			SMT	QJ Inc	Yes		F1, F2, F3, F4, F5, F6, F7, F8, F9, F10, F11, F12, F13, F14, F15, F16, F17, F18, F19, F20, F21, F22, F23, F24, F25, F26, F27, F28, F29, F30, F31, F32, F33, F34, F35, F36, F37, F38, F39, F40, F41, F42, F43, F44, F45, F46, F47, F48, F49, F50, F51, F52, F53, F54, F55, F56, F57, F58, F59, F60, F61, F62, F63, F64, F65, F66, F67, F68, F69, F70, F71, F72, F73, F74, F75, F76, F77, F78, F79, F80, F81, F82, F83, F84, F85, F86, F87, F88, F89, F90, F91, F92, F93, F94, F95, F96, F97, F98, F99, F100, F101, F102, F103, F104, F105, F106, F107, F108, F109, F110, F111, F112, F113, F114, F115, F116, F117, F118, F119, F120, F121, F122, F123, F124, F125, F126, F127, F128, F129, F130, F131, F132, F133, F134, F135, F136, F137, F138, F139, F140, F141, F142, F143, F144, F145, F146, F147, F148, F149, F150, F151, F152, F153, F154, F155, F156, F157, F158, F159, F160, F161, F162, F163, F164, F165, F166, F167, F168, F169, F170, F171, F172, F173, F174, F175, F176, 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Approved	Notes	
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