Title	
Revision	
Date	
Generated	Sat 06 Feb 2021 05:00:20 PM CST
Company	
Comment 1	
Comment 2	
Comment 3	
Comment 4	
Total Parts	71
Total Unique Parts	25

Ref	Qty	Type	Value		Footprint	Datasheet
C1 C5 C7 C11	4	C - Film	0.47uF		Capacitor_THT:C_Rect_L7.2mm_\	~
C3 C4 C9 C10	4	C - Film	1uF		Capacitor_THT:C_Rect_L13.0mm_	~
CFA0 CFA0 CFA1 CFA1 CFA10 CFA10 CFA11 CFA11	8	C - SMT 1206	10uF	X5R, 25V, 10%	Capacitor_SMD:C_1206_3216Met	~
CFGD0 CFGD0 CFGD0 CFGD2 CFGD10 CFGD10	6	C - SMT 1206	0.1uF	X7R, 50V, 10%	Capacitor_SMD:C_1206_3216Met	~
CGD0 CGD0 CGD0 CGD0 CGD0 CGD0 CGD1 CGD1 CGD1 CGD1 CGD3 CGD10 CGD11	13	C - SMT 1206	1uF	X7R, 50V, 10%	Capacitor_SMD:C_1206_3216Met	~
CIN0 CIN1	2	C - SMT 1206	22nF	X7R, 50V, 10%	Capacitor_SMD:C_1206_3216Met	~
CLIP_LED_NaN CLIP_LED_NaN	2	LED - SMT 1206	LED		LED_SMD:LED_1206_3216Metric	~
COUTBUCK0	1	C - Electrolytic	22uF	50V, 10%	Capacitor_THT:CP_Radial_D6.3m	~
CSUP1 CSUP2	2	C - Electrolytic	330uF/35V		Capacitor_THT:CP_Radial_D10.0r	~
H1 H2 H3 H4	4		MountingHole		MountingHole:MountingHole_3.2m	~
J1	1		RPI_GPIO		Connector_PinHeader_2.54mm:PinHeader_2x20_P2.54mm_Vertical_SMD	
J2	1		Screw_Terminal_01x04		TerminalBlock_Phoenix:TerminalBl	5-4_1x04_P5.00r ~
J3	1		Screw_Terminal_01x02		TerminalBlock_Phoenix:TerminalBl	5-2_1x02_P5.00r ~
JP1 JP2 JP4 JP5	4		Jumper_3_Open		Connector_PinHeader_2.54mm:Pi	~
L2 L3 L4 L5	4	L - SMT	3.3uH		Inductor_SMD:L_Bourns_SRP124	~
LBUCK0	1		SRN4026-100M	Bourns SRN4026-100M	Inductor_SMD:L_Bourns-SRN401	~
LSUP0	1		Ferrite 2743019447	SMD ferrite power bead, Z=47R, F	Inductor_SMD:L_2010_5025Metric	~
R1 R2 R3 R4	4	R - SMT 1206	3.6		Resistor_SMD:R_1206_3216Metri	~
RB_FB1	1	R - SMT 1206	2M	0.063W, 1%	Resistor_SMD:R_1206_3216Metri	~
RB_FB2	1	R - SMT 1206	383k	0.063W, 1%	Resistor_SMD:R_1206_3216Metri	~
RB_PG0	1	R - SMT 1206	100k	0.063W, 1%	Resistor_SMD:R_1206_3216Metri	~
RCLIP_LED0 RCLIP_LED2	2	R - SMT 1206	2k		Resistor_SMD:R_1206_3216Metri	~
RPVDD1	1	R - SMT 1206	0.1R		Resistor_SMD:R_1206_3216Metri	~
U1	1		MA12070P		Package_DFN_QFN:QFN-64-1EP	https://www.infineon.com/dgdl/Infineon-MA12070P-DS-v01_00-EN.pdf?fileId=5546d46264a8de7e0164b761f2f261e4
U2	1		TPS62175DQC		Package_SON:WSON-10-1EP_2x	http://www.ti.com/lit/ds/symlink/tps62177.pdf

BOM made with KICAD_BOM_WIZARD (https://github.com/HashDefineElectronics/KiCad_BOM_Wizard.git)

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