

49	J3	1	GBC03DABN-M30	Sullins Connector Solutions	Header, 2.54mm, 3x2, Gold, Black, SMT	Header, 2.54mm, 3x2, SMT	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	CONN HEADER SMD 6POS 2.54MM T1 INDUSTRIAL ANGLED	Sullins Connector Solutions	GBC03DABN-M30	S2351E-03-ND 1195-09452812800CT-ND
50	J4, J5	2	09452812800	Harting Electronics	T1 Industrial Jack AH IP20	HDR2 11x8.5x7.3mm	Active	YES		LEAD					JACK AH IP20 TERM BLK 3POS SIDE ENT 3.5MM PCB	HARTING	09452812800	277-5719-ND
51	J6, J7, J8, J9	4	1751248	Phoenix Contact	Conn Term Block, 2POS, 3.5mm, TH	7x2 Shrouded Header	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	CONN HEADER VERT 14POS 2.54MM	Phoenix Contact Sullins Connector Solutions	1751248	SBH11-PBPC-D07-ST-BK S9170-ND
52	J11	1	SBH11-PBPC-D07-ST-BK	Sullins Connector Solutions	Header (shrouded), 100 mil, 7x2, Gold, TH	Header 100mil, 1x2, 230 mil above insulator Header, 2.54mm, 3x1, TH SMD, 2-Leads, Body	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	CONN HEADER VERT 2POS 2.54MM	Sullins Connector Solutions	PBC02SAAN	S1011E-02-ND
53	J12 F1, J12 F2, J13	3	PBC02SAAN	Sullins Connector Solutions	Header, 100mil, 2x1, Gold, TH	Header, 100mil, 2x1, Gold, TH	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	CONN HEADER VERT 3POS 2.54MM	Würth Elektronik	61300311121	732-5316-ND
54	J15_P1, J15_P2	2	61300311121	Würth Elektronik	Header, 2.54 mm, 3x1, Gold, TH	Header, 2.54mm, 3x1, TH SMD, 2-Leads, Body	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2017	FIXED IND 330NH 5.5A 17 MOHM SMD	Würth Elektronik	744383360033	732-5690-1-ND
55	L1, L2, L5, L6	4	330nH 744383360033	Würth Elektronik	Inductor, 330 nH, 5.5 A, 0.014 ohm, SMD Shielded 2-Coll Inductor Array Inductance - Connected in Series 8.6µH Inductance - Connected in Parallel 44mOhm DC	Inductor, 330 nH, 5.5 A, 0.014 ohm, SMD Shielded 2-Coll Inductor Array Inductance - Connected in Series 8.6µH Inductance - Connected in Parallel 44mOhm DC	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2017	FIXED IND 330NH 5.5A 17 MOHM SMD	Würth Elektronik	744383360033	732-5690-1-ND
56	L3, L4	2	7448991088	Würth Elektronik	Resistance (DCR) - Parallel 5A Nonstandard	Resistance (DCR) - Parallel 5A Nonstandard	Active	YES		LEAD FREE					SMT MOLDED COUPLED INDUCTOR SIZE FIXED IND 10UH 3A 85 MOHM SMD	Würth Elektronik	7448991088	732-13372-1-ND
57	L7	1	10uH 74437346100	Würth Elektronik	Inductor, 10 uH, 3 A, 0.075 ohm, SMD	Inductor, 10 uH, 3 A, 0.075 ohm, SMD	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2017	FIXED IND 10UH 3A 85 MOHM SMD	Würth Elektronik	74437346100	732-3379-1-ND
58	L8 P1, L8 P2, L9 P1, L9 P2	4	1000 ohm 742792796	Würth Elektronik	Ferrite Bead, 1000 ohm @ 100 MHz, 0.2 A, 0402	Ferrite Bead, 1000 ohm @ 100 MHz, 0.2 A, 0402	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2017	FERRITE BEAD 1 KOHM 0402 1LN	Würth Elektronik	742792796	732-2132-1-ND
59	L10 P1, L10 P2, L13 P1, L13 P2	4	120nH LOG15HSR12J02D	MuRata	Inductor, Multilayer, Air Core, 120 nH, 0.15 A, 1.3 ohm, SMD	Inductor, Multilayer, Air Core, 120 nH, 0.15 A, 1.3 ohm, SMD	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2017	FIXED IND 120NH 200MA 1.3 OHM	Murata Electronics	LOG15HSR12J02D	490-2636-1-ND
60	L12 P1, L12 P2	2	DLW32M4201XKQL	Murata	LOG15HSR12J02D 200µH @ 100kHz 2 Line Common Mode Choke Surface Mount 70mA DCR 4.8 Ohm	LOG15HSR12J02D 200µH @ 100kHz 2 Line Common Mode Choke Surface Mount 70mA DCR 4.8 Ohm	Active	YES		LEAD FREE				200µH-20%+50% (AT 0.1MHZ)70MA R	Murata Electronics	DLW32M4201XKQL	490-18060-1-ND	
61	LBL1	1	THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.850 inch	Thermal Transfer Printable Labels, 0.850 inch	Active	NO	YES	LEAD	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	LABEL 0.2" H X 0.65" W WHITE	Brady Corporation	THT-14-423-10	2267-THT-14-423-10-ND
62	Q1	1	60V DMT6007LFG-7	Diodes Inc.	MOSFET, N-CH, 60 V, 15 A, AEC-Q101, 8-8-PowerVDFN	MOSFET, N-CH, 60 V, 15 A, AEC-Q101, 8-8-PowerVDFN	Active	YES		LEAD		REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	MOSFET N-CH 100V 50A 8VSON	Diodes Incorporated	DMT6007LFG-7	296-44351-1-ND
63	Q2_F1, Q2_F2	2	100V CSD1953TQ3	Texas Instruments	MOSFET, N-CH, 100 V, 50 A, DQG0008A (VSON-CLIP-3)	MOSFET, N-CH, 100 V, 50 A, DQG0008A (VSON-CLIP-3)	Active	YES		LEAD		REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2019	MOSFET N-CH 100V 50A 8VSON	Texas Instruments	CSD1953TQ3	296-44351-1-ND
64	Q3_F1, Q3_F2, R1, R50, R51, R53, R62, R65, R74, R76, R85, R88_P1, R88_P2, R89_P1, R89_P2, R90_P1, R90_P2, R91_P1, R91_P2	2	50V BSS138	Fairchild Semiconductor	MOSFET, N-CH, 50 V, 0.22 A, SOT-23	MOSFET, N-CH, 50 V, 0.22 A, SOT-23	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	Jan-2020	MOSFET N-CH 50V 220MA SOT-23	ON Semiconductor	BSS138	BSS138CT-ND
65	R2	17	2.49k CRCW040224K9FKED	Vishay-Dale	RES, 2.49 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 2.49 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 2.49K OHM 1% 1/16W 0402	Vishay Dale	CRCW040224K9FKED	541-2.49KCLCT-ND
66	R2	1	49.9k CRCW040249K9FKED	Vishay-Dale	RES, 49.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 49.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 49.9K OHM 1% 1/16W 0402	Vishay Dale	CRCW040249K9FKED	541-49.9KCLCT-ND
67	R3	1	0.02 LVK12R020FER	Ohmite	RES, 0.02, 1%, 0.5 W, 1206 sense	RES, 0.02, 1%, 0.5 W, 1206 sense	Active	YES		LEAD FREE				RES 0.02 OHM 1% 1/2W 1206	Ohmite	LVK12R020FER	LVK12R020FERCT-ND	
68	R4	1	562k CRCW0402562KFKED	Vishay-Dale	RES, 562 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 562 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES		LEAD FREE				RES SMD 562K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402562KFKED	541-562KCLCT-ND	
69	R5	1	24.9k CRCW040224K9FKED	Vishay-Dale	RES, 24.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 24.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 24.9K OHM 1% 1/16W 0402	Vishay Dale	CRCW040224K9FKED	541-24.9KCLCT-ND
70	R6_F1, R6_F2, R7_F1, R7_F2, R8_F1, R8_F2, R16, R107, R108, R109	10	49.9k CRCW060349K9FKEA	Vishay-Dale	RES, 49.9 k, 1%, 0.1 W, 0603	RES, 49.9 k, 1%, 0.1 W, 0603	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 49.9K OHM 1% 1/10W 0603	Vishay Dale	CRCW060349K9FKEA	541-49.9KCLCT-ND
71	R9_F1, R9_F2	2	715k CRCW0402715KFKED	Vishay-Dale	RES, 715 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 715 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES		LEAD FREE				RES SMD 715K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402715KFKED	541-715KCLCT-ND	
72	R10_F1, R10_F2	2	976k CRCW0402976KFKED	Vishay-Dale	RES, 976 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 976 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 976K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402976KFKED	541-976KCLCT-ND
73	R11_F1, R11_F2, R18, R27	4	10.0k CRCW040210K0FKED	Vishay-Dale	RES, 10.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 10.0 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 10K OHM 1% 1/16W 0402	Vishay Dale	CRCW040210K0FKED	541-10.0KCLCT-ND
74	R12_F1, R12_F2, R14_F1, R14_F2	4	24.3k CRCW040224K3FKED	Vishay-Dale	RES, 24.3 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 24.3 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 24.3K OHM 1% 1/16W 0402	Vishay Dale	CRCW040224K3FKED	541-24.3KCLCT-ND
75	R13_F1, R13_F2	2	17.8k CRCW040217K8FKED	Vishay-Dale	RES, 17.8 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 17.8 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 17.8K OHM 1% 1/16W 0402	Vishay Dale	CRCW040217K8FKED	541-17.8KCLCT-ND
76	R15, R23	2	100k CRCW0402100KFKED	Vishay-Dale	RES, 100 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 100 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 100K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402100KFKED	541-100KCLCT-ND
77	R17	1	243k CRCW040224K3FKED	Vishay-Dale	RES, 243 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 243 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES		LEAD FREE				RES SMD 243K OHM 1% 1/16W 0402	Vishay Dale	CRCW040224K3FKED	541-243KCLCT-ND	
78	R19, R41, R42	3	60.4k CRCW040260K4FKED	Vishay-Dale	RES, 60.4 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 60.4 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 60.4K OHM 1% 1/16W 0402	Vishay Dale	CRCW040260K4FKED	541-60.4KCLCT-ND
79	R20	1	8.25k CRCW04028K25FKED	Vishay-Dale	RES, 8.25 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 8.25 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 8.25K OHM 1% 1/16W 0402	Vishay Dale	CRCW04028K25FKED	541-8.25KCLCT-ND
80	R21	1	9.09k CRCW04029K09FKED	Vishay-Dale	RES, 9.09 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 9.09 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 9.09K OHM 1% 1/16W 0402	Vishay Dale	CRCW04029K09FKED	541-9.09KCLCT-ND
81	R22	1	24.3k CRCW060324K3FKEA	Vishay-Dale	RES, 24.3 k, 1%, 0.1 W, 0603	RES, 24.3 k, 1%, 0.1 W, 0603	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 24.3K OHM 1% 1/10W 0603	Vishay Dale	CRCW060324K3FKEA	541-24.3KCLCT-ND
82	R24	1	40.2k CRCW040240K2FKED	Vishay-Dale	RES, 40.2 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 40.2 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 40.2K OHM 1% 1/16W 0402	Vishay Dale	CRCW040240K2FKED	541-40.2KCLCT-ND
83	R25	1	20.5k CRCW040220K5FKED	Vishay-Dale	RES, 20.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 20.5 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 20.5K OHM 1% 1/16W 0402	Vishay Dale	CRCW040220K5FKED	541-20.5KCLCT-ND
84	R26	1	88.7k CRCW040288K7FKED	Vishay-Dale	RES, 88.7 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 88.7 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 88.7K OHM 1% 1/16W 0402	Vishay Dale	CRCW040288K7FKED	541-88.7KCLCT-ND
85	R28, R34, R47, R105	4	432 CRCW0603432RFKEA	Vishay-Dale	RES, 432, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	RES, 432, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	Active	YES		LEAD FREE				RES SMD 432 OHM 1% 1/10W 0603	Vishay Dale	CRCW0603432RFKEA	541-432HCT-ND	
86	R29	1	118k CRCW0402118KFKED	Vishay-Dale	RES, 118 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 118 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 118K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402118KFKED	541-118KCLCT-ND
87	R30	1	150k CRCW0402150KFKED	Vishay-Dale	RES, 150 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 150 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 150K OHM 1% 1/16W 0402	Vishay Dale	CRCW0402150KFKED	541-150KCLCT-ND
88	R31	1	86.6k CRCW040286K6FKED	Vishay-Dale	RES, 86.6 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 86.6 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 86.6K OHM 1% 1/16W 0402	Vishay Dale	CRCW040286K6FKED	541-86.6KCLCT-ND
89	R32	1	18.7k CRCW040218K7FKED	Vishay-Dale	RES, 18.7 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 18.7 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 18.7K OHM 1% 1/16W 0402	Vishay Dale	CRCW040218K7FKED	541-18.7KCLCT-ND
90	R33	1	1.00 CRCW06031R00FKEA	Vishay-Dale	RES, 1.00, 1%, 0.1 W, 0603	RES, 1.00, 1%, 0.1 W, 0603	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 1 OHM 1% 1/10W 0603	Vishay Dale	CRCW06031R00FKEA	541-1.00HCT-ND
91	R36, R37, R106	3	4.75 CRCW04024R75FKED	Vishay-Dale	RES, 4.75, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 4.75, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES		LEAD FREE				RES SMD 4.75 OHM 1% 1/16W 0402	Vishay Dale	CRCW04024R75FKED	541-4.75KCLCT-ND	
92	R36	1	1.00k CRCW04021K00FKED	Vishay-Dale	RES, 1.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	RES, 1.00 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED		RES SMD 1K OHM 1% 1/16W 0402	Vishay Dale	CRCW04021K00FKED	541-1.00KCLCT-ND
93	R38	1	7.50k CRCW04027K50FKED	Vishay-Dale	RES, 7.50 k, 1%, 0.0													

97	R44	1	22.6k	CRCW040222K6FKED	Vishay-Dale	RES, 22.6 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 22.6K OHM 1% 1/16W 0402	Vishay Dale	CRCW040222K6FKED	541-22.6KLCCT-ND
98	R45	1	45.3k	CRCW040245K3FKED	Vishay-Dale	RES, 45.3 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 45.3K OHM 1% 1/16W 0402	Vishay Dale	CRCW040245K3FKED	541-45.3KLCCT-ND
99	R46, R48	2	90.9k	CRCW040290K9FKED	Vishay-Dale	RES, 90.9 k, 1%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 90.9K OHM 1% 1/16W 0402	Vishay Dale	CRCW040290K9FKED	541-90.9KLCCT-ND
100	R49	1	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 0 OHM JUMPER 1/16W 0402	Vishay Dale	CRCW04020000Z0ED	541-0.0JCT-ND
101	R66, R75, R77, R86	4	560	CRCW0402560RJNED	Vishay-Dale	RES, 560, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 560 OHM 5% 1/16W 0402	Vishay Dale	CRCW0402560RJNED	541-560JCT-ND
102	R87_P1, R87_P2, R93_P1, R93_P2, R94_P1, R94_P2, R96_P1, R96_P2, R99_P1, R99_P2, R100_P1, R100_P2, R102_P1, R102_P2, R103_P1, R103_P2, R104_P1, R104_P2	4	27.0	RC0603FR-0727RL	Yageo	RES, 27.0 Ω, 1%, 0.1 W, 0603	0603	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 27 OHM 1% 1/10W 0603	Yageo	RC0603FR-0727RL	311-27.0HRCT-ND
103		16	22	CRCW040222R0JNED	Vishay-Dale	RES, 22, 5%, 0.063 W, AEC-Q200 Grade 0, 0402	0402	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 22 OHM 5% 1/16W 0402	Vishay Dale	CRCW040222R0JNED	541-22JCT-ND
104	R95_P1, R95_P2, R96_P1, R96_P2	4	1.00k	CRCW06031K00FKEA	Vishay-Dale	RES, 1.00 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0603	0603	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 1K OHM 1% 1/10W 0603	Vishay Dale	CRCW06031K00FKEA	541-1.00KHCT-ND
105	R97_P1, R97_P2	2	100k	CRCW1206100KFKEA	Vishay-Dale	RES, 100 k, 1%, 0.25 W, AEC-Q200 Grade 0, 1206	1206	Active	YES	EXEMPT	LEAD FREE	LEAD	REACH NOT AFFECTED	REACH NOT AFFECTED	RES SMD 100K OHM 1% 1/4W 1206	Vishay Dale	CRCW1206100KFKEA	541-100KFCT-ND
106	TP1, TP2, TP10, TP11	4	5001	Keystone	Keystone	Test Point, Miniature, Black, TH	Miniature Testpoint	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	PC TEST POINT MINIATURE BLACK	Keystone Electronics	5001	36-5001-ND
107	TP3, TP4, TP5, TP8, TP9	5	5000	Keystone	Keystone	Test Point, Miniature, Red, TH	Red Miniature Testpoint	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	PC TEST POINT MINIATURE RED	Keystone Electronics	5000	36-5000-ND
108	TP6_F1, TP6_F2, TP7_F1, TP7_F2	4	5002	Keystone	Keystone	Test Point, Miniature, White, TH Enhanced Product Mixed Signal	White Miniature Testpoint	Active	YES	YES	LEAD FREE	LEAD FREE	REACH NOT AFFECTED	REACH NOT AFFECTED	PC TEST POINT MINIATURE WHITE	Keystone Electronics	5002	36-5002-ND
109	U1	1	MSP430G2332QPW2REP	Texas Instruments	Texas Instruments	Microcontroller, PW0020A (TSSOP-20)	PW0020A	Active	YES		LEAD FREE		REACH NOT AFFECTED	REACH NOT AFFECTED	IC MCU 16BIT 4KB FLASH 20TSSOP	Texas Instruments	MSP430G2332QPW2REP	296-38190-1-ND 296-LM74700QDBVRQ1CT
110	U2	1	LM74700QDBVRQ1	Texas Instruments	Texas Instruments	Low Iq Always ON Smart Diode Controller, DBV0006A (SOT-23-6)	DBV0006A	Active	YES		LEAD				POWER MANAGEMENT	Texas Instruments	LM74700QDBVRQ1	296-LM74700QDBVRQ1CT
111	U3_F1, U3_F2	2	TPS26631RGER	Texas Instruments	Texas Instruments	4.5V - 60V, 6A 29m ² eFuse with Reverse Polarity Protection, RGE0024H (VQFN-24)	RGE0024H	Non-Stock	NO		LEAD				IC PWR MGMT BATTERY MGMT	Texas Instruments	TPS26631RGER	296-TPS26631RGERTR-ND
112	U4	1	LM76003RNPR	Texas Instruments	Texas Instruments	Regulator, RNP0030B (WQFN-30) 4V to 36V, 2A Step-Down DC/DC Power Module in Compact 789kmm QFN Package, RLR0018A (B3QFN-18)	RNP0030B	Active	YES		LEAD FREE		REACH NOT AFFECTED	REACH NOT AFFECTED	IC REG BUCK ADJ 3.5A 30WQFN	Texas Instruments	LM76003RNPR	296-49740-1-ND
113	U5	1	LMZM33603RLRR	Texas Instruments	Texas Instruments	Module in Compact 789kmm QFN Package, RLR0018A (B3QFN-18)	RLR0018A	Active	YES		LEAD FREE		REACH NOT AFFECTED	REACH NOT AFFECTED	DC DC CONVERTER 1-18V	Texas Instruments	LMZM33603RLRR	296-48830-1-ND

119	U13 P1, U13 P2	2	DP83TC811RWRNDRQ1	Texas Instruments	DP83TC811Q1, RND0036A (VOFNP-36)	RND0036A	Active	YES	LEAD FREE	REACH NOT AFFECTED	Jan-2019	IC TRANSCEIVER 2/2 36VOFN	Texas Instruments	DP83TC811RWRNDRQ1	296-49440-1-ND
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