

Comment	Description	Designator	Footprint	LibRef	Quantity
Printed Circuit Board	Printed Circuit Board	!PCB1		PCB	1
885012206046	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0603	C1, C3, C5, C7, C9, C11, C17, C19, C21, C23, C25, C27, C33, C35, C37, C39, C41, C43, C49, C51, C53, C55, C57, C59, C105, C107, C109, C111, C113, C116	0603	CMP-0006829-4	30
885012206052	CAP, CERM, 1 uF, 16 V, +/- 10%, X7R, 0603	C2, C4, C6, C8, C10, C12, C18, C20, C22, C24, C26, C28, C34, C36, C38, C40, C42, C44, C50, C52, C54, C56, C58, C60, C106, C108, C110, C112, C114, C117	0603	CMP-0006831-4	30
GRM033R71E103KE14D	CAP, CERM, 0.01 uF, 25 V, +/- 10%, X7R, 0201	C13, C14, C15, C16, C29, C30, C31, C32, C45, C46, C47, C48, C61, C62, C63, C64, C97, C98, C99, C100, C101, C102, C103, C104, C115, C118, C119, C120, C121, C122, C123, C124, C201, C206, C216, C220	0201	CMP-0860568-1	36
O201BB104KW160	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0201	C65	0201_033	CMP-0860981-1	1
C0805C105K3RACTU	CAP, CERM, 1 uF, 25 V, +/- 10%, X7R, 0805	C66	0805_HV	CMP-0007728-1	1
O201BB103KW250	CAP, CERM, 0.01 uF, 25 V, +/- 10%, X7R, 0201	C67	0201_033	CMP-0860980-1	1
GRM188R61E106MA73D	CAP, CERM, 10 uF, 25 V, +/- 20%, X5R, 0603	C68, C69, C71, C80, C81, C86, C87, C139, C140, C145, C146, C159, C160, C165, C166, C179, C180, C185, C186	0603	CMP-0007344-4	19
CGA1A2X7R1E222K030BA	CAP, CERM, 2200 pF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0201	C70, C82, C141, C161, C181	0201_033	CMP-0009647-3	5
C0402C104K4RACAUTO	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0402	C72, C93, C151, C171, C191	0402	CMP-0006237-2	5
GCM155C71A105KE38D	CAP, CERM, 1 uF, 10 V, +/- 10%, X7S, AEC-Q200 Grade 1, 0402	C73, C78, C92, C152, C172, C192	0402_070	CMP-0006349-2	6
GRM21BR61A476ME15	CAP, CERM, 47 uF, 10 V, +/- 20%, X5R, 0805	C74, C88, C90, C147, C153, C167, C173, C187, C193	0805_HV	CMP-0008289-1	9
LDK105EBJ226MV-F	CAP, CERM, 22 uF, 10 V, +/- 20%, X5R, 0402	C75, C76, C77, C83, C84, C85, C142, C143, C144, C162, C163, C164, C182, C183, C184	0402_080	CMP-0006719-1	15
GRM155R61E474KE01D	CAP, CERM, 0.47 uF, 25 V, +/- 10%, X5R, 0402	C79, C95, C156, C176, C196	0402	CMP-0064928-2	5
GRM188R71H103KA01D	CAP, CERM, 0.01 uF, 50 V, +/- 10%, X7R, 0603	C89, C96, C148, C158, C168, C178, C188, C198	0603	CMP-0007433-4	8
GRM21BR61C106KE15L	CAP, CERM, 10 uF, 16 V, +/- 10%, X5R, 0805	C91, C94, C150, C154, C155, C157, C170, C174, C175, C177, C190, C194, C195, C197	0805_HV	CMP-0008292-1	14
GRM033Z71C104KE14D	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0201	C125, C126, C127, C128, C130, C131, C133, C135, C138	0201L	CMP-0064970-1	9
C1608X5R1E335K080AC	CAP, CERM, 3.3 uF, 25 V, +/- 10%, X5R, 0603	C129	0603	CMP-0007008-5	1
GRM188Z71C475KE21D	CAP, CERM, 4.7 uF, 16 V, +/- 10%, X7R, 0603	C132, C134	0603	CMP-0064936-4	2
C1005C0G1H180J050BA	CAP, CERM, 18 pF, 50 V, +/- 5%, COG/NPO, 0402	C136, C137	0402L	CMP-0006247-2	2
C2012X5R1A336M125AC	CAP, CERM, 33 uF, 10 V, +/- 20%, X5R, 0805	C149, C169, C189	0805_HV	CMP-0007824-2	3
GRM033Z71C104KE14D	CAP, CERM, 0.1 uF, 16 V, +/- 10%, X7R, 0201	C199, C207	0201	CMP-0064970-1	2
GRM033R71E102KA01D	CAP, CERM, 1000 pF, 25 V, +/- 10%, X7R, 0201	C202, C205, C209, C213, C215, C218	0201_033	CMP-0009764-1	6
C0603X5R1A334K030BC	CAP, CERM, 0.33 uF, 10 V, +/- 10%, X5R, 0201	C203, C204, C210, C211, C212, C217	0201_033	CMP-0009635-2	6
GCM033R71E101KA03D	CAP, CERM, 100 pF, 25 V, +/- 10%, X7R, AEC-Q200 Grade 1, 0201	C214, C219	0201_033	CMP-0009660-2	2

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LMX	LED, Green, SMD	D1, D2, D3, D4, D8	LED_LTST-C190	CMP-0002827-3	5
	LED, Green, SMD	D5	LTST-	CMP-0002888-2	1
SMBJ13CA	Diode, TVS, Bi, 13 V, SMB	D6	SMB-Bi	CMP-0005542-3	1
MBR130T1G	Diode, Schottky, 30 V, 1 A, SOD-123	D7	SOD-123	CMP-0028547-1	1
LTST-C170KGKT	LED, Green, SMD	D9	LTST-	CMP-0002888-1	1
CMP-0077181-1	Fiducial mark. There is nothing to buy or mount.	FID1, FID2, FID3, FID4, FID5, FID6	Fiducial10-30	CMP-0077181-1	6
TCBS-6-01	HEX STANDOFF SPACER, 9.53 mm	H1, H2, H3, H4	TCBS-6-01	CMP-0003647-1	4
BE40A-S-92SP-2-2-10-0500	50 GHz, Bulls Eye®: Double Row, High-Performance Test System	J1, J2, J3, J4	FP-BE40A-S-92SP-2-2-10-0500_HDR20-MFG	CMP-0092081-1	4
RAPC722X	Power Jack, mini, 2.1mm OD, R/A, TH	J5	CONN_RAPC722X	CMP-0074940-1	1
1734035-2	Connector, Receptacle, Mini-USB Type B, R/A, Top Mount SMT	J6	CONN_USB-Mini-B-1734035-2	CMP-0054920-2	1
142-0771-831	JACK, SMA, 50 Ohm, Gold, Edge Mount	J7, J8, J9, J10	Johnson_142-0771-	CMP-0055844-2	4
120Ω	Ferrite Bead, 120 ohm @ 100 MHz, 3 A, 0603	L1, L2, L3, L4, L5, L6, L7, L8, L9, L10, L11, L12, L13, L14, L15, L16, L23, L24, L25, L26	0603	CMP-0003352-2	20
BLM18AG121SN1D	Ferrite Bead, 120 ohm @ 100 MHz, 0.5 A, 0603	L17, L18, L20, L29, L33, L37	0603	CMP-0003344-2	6
XGL4030-222MEC	Inductor Power Shielded Wirewound 2.2uH 20% 1MHz Composite 8.7A 15mOhm DCR Automotive T/R	L19, L21, L30, L34, L38	FP-XGL4030-222MEC_SMT_IND_4MM0_4MM0-MFG	CMP-0089541-2	5
BLM31PG121SN1L	Ferrite Bead, 120 ohm @ 100 MHz, 3.5 A, 1206	L22, L31, L32, L35, L36, L39, L40	1206	CMP-0003365-1	7
74279271	Ferrite Bead, 120 ohm @ 100 MHz, 0.5 A, 0402	L27, L28	0402	CMP-0003214-1	2
ELJPF3N3DFB	Inductor, Ceramic, 3.3 nH, 1500 A, 0.07 ohm, SMD	L41, L42	0402	CMP-0059652-1	2
RC0201JR-7D100RL	RES, 100, 5%, 0.05 W, 0201	R1, R2, R4, R5, R7, R8, R10, R11, R93, R100	0201	CMP-0027185-2	10
CRCW0603180RJNEA	RES, 180, 5%, 0.1 W, AEC-Q200 Grade 0, 0603	R3, R6, R9, R12, R43	0603	CMP-0025726-4	5
RC0201FR-7D1ML	RES, 1.00 M, 1%, 0.05 W, 0201	R13, R15, R18, R19, R32, R34, R56, R57, R67, R68, R78, R79	0201	CMP-0027974-1	12
RC0201FR-073K24L	RES, 3.24 k, 1%, 0.05 W, 0201	R14, R17	0201	CMP-0027655-1	2
RC0201FR-07487RL	RES, 487, 1%, 0.05 W, 0201	R16	0201	CMP-0027727-1	1
RC0201FR-0715K4L	RES, 15.4 k, 1%, 0.05 W, 0201	R20	0201	CMP-0027372-1	1
RC0201FR-0764K9L	RES, 64.9 k, 1%, 0.05 W, 0201	R21, R37, R62, R73, R84	0201	CMP-0027823-1	5
CRCW02010000Z0ED	RES, 0, 5%, 0.05 W, 0201	R22, R24, R25, R26, R27, R28, R29, R30, R89, R91, R94, R97, R98, R101	0201	CMP-0027008-4, CMP-0027008-	14
RC0201FR-074K87L	RES, 4.87 k, 1%, 0.05 W, 0201	R23, R40, R63, R74, R85	0201	CMP-0027744-1	5
CRCW020110K0FKED	RES, 10.0 k, 1%, 0.05 W, 0201	R31, R36, R42, R61, R66, R72, R77, R83, R88	0201	CMP-0027262-3	9
RC0201FR-0712K4L	RES, 12.4 k, 1%, 0.05 W, 0201	R33, R59, R70, R81	0201	CMP-0027335-1	4
CRCW020128K7FKED	RES, 28.7 k, 1%, 0.05 W, 0201	R35, R41	0201	CMP-0080850-1	2
RC0201FR-072K37L	RES, 2.37 k, 1%, 0.05 W, 0201	R38	0201	CMP-0027560-1	1
RC0201FR-7D100RL	RES, 100, 1%, 0.05 W, 0201	R44	0201L	CMP-0027944-1	1
RC0201FR-7D10RL	RES, 10.0, 1%, 0.05 W, 0201	R45, R46	0201L	CMP-0027946-1	2
RC0201FR-7D12KL	RES, 12.0 k, 1%, 0.05 W, 0201	R47	0201L	CMP-0027954-1	1
CRCW02010000Z0ED	RES, 0, 5%, 0.05 W, 0201	R49	0201L	CMP-0027008-4	1
RC0603JR-07620RL	RES, 620, 5%, 0.1 W, 0603	R51	0603	CMP-0025934-5	1
RC0201FR-7D10KL	RES, 10.0 k, 1%, 0.05 W, 0201	R52, R53, R54	0201L	CMP-0027945-1	3
RC0201FR-7D2K2L	RES, 2.20 k, 1%, 0.05 W, 0201	R55	0201L	CMP-0027995-1	1
RC0201FR-0713K7L	RES, 13.7 k, 1%, 0.05 W, 0201	R58, R69, R80	0201	CMP-0027349-2	3

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RC0201FR-075K9L	RES, 5.90 k, 1%, 0.05 W, 0201	R64, R75, R86	0201	CMP-0027796-1	3
RC0201FR-0710K5L	RES, 10.5 k, 1%, 0.05 W, 0201	R?	0201	CMP-0027302-2	3
SDO	Test Point, Miniature, White, TH	TP1, TP2, TP3, TP4, TP11	Keystone5002	CMP-0055139-1	5
5010	Test Point, Multipurpose, Red, TH	TP5, TP6, TP7, TP8, TP9, TP10, TP12, TP13, TP14, TP15, TP16, TP17	Keystone5010	CMP-0055147-1	12
5011	Test Point, Multipurpose, Black, TH	TP18, TP19, TP20, TP21, TP22, TP23	Keystone5011	CMP-0055148-1	6
LMX1204RHAT	High Frequency SYSREF Buffer/Multiplier/Divider	U1, U2, U3, U4, U10	RHA0040C-MFG	CMP-0090126-1	5
TPS259541DSGR	12V eFuse with Over Voltage Protection, DSG0008A (WSON-8)	U5	DSG0008A	CMP-0013456-2	1
TPS62913RPUT	3A Low Noise and Low Ripple buck converter, RPU0010A (VQFN-10)	U6, U8, U13, U15, U17	RPU0010A	CMP-0860321-1	5
TPS7A4700RGWR	36-V, 1-A, 4.17-uVRMS, RF LDO Voltage Regulator, RGW0020A (VQFN-20)	U7	RGW0020A	CMP-0066918-1	1
TPS7A5301RPST	3-A, High-Accuracy (0.75%), Low-Noise (4.4µVRMS), LDO Voltage Regulator, RPS0012A (VQFN-12)	U9, U14, U16, U18	RPS0012A	CMP-0860540-1	4
FT4232H-56Q-TRAY	Future Technology Devices International Ltd FT4232H Quad High Speed USB to Multipurpose UART/MPSSE IC, VQFN-56	U11	VQFN-56	CMP-0081661-1	1
93LC46B-I/ST	1K Microwire Compatible Serial EEPROM, TSSOP-8	U12	TSSOP-8	CMP-0081524-1	1
CMD275P4	RF Amplifier DC - 26.5 GHz Low Phase Noise Amplifier	U19, U20	FP-	CMP-0090424-1	2
ABM3-12.000MHZ-D2Y-T	Crystal, 12 MHz, 18 pF, SMD	Y1	XTAL_ABM3	CMP-0004616-3	1

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