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1.0µF	Description Capacitor, X7R, ±10%	Designator C1	Footprint CAPC1608X06L	LibRef C0603-1u0	Quantity
12pF	Capacitor, NPO, ±2%	C2, C3, C4, C5, C8, C11	CAPC1005X04L	C0402-12p	
100nF	Capacitor, X7R, ±10%	C6, C16	CAPC1005X04L	C0402-100n	
Capacitor 100µF +/- 20% 6.3V 0805	Chip Capacitor, 100µF +/-20%, 6.3V, 0805, Thickness 1.45 mm	C7, C21, C28, C29, C33, C40, C45, C50	CAPC0805(2012)145_ L	CMP-001-00054-4	
Capacitor 22µF +/- 40% 16V 0805	Chip Capacitor, 22µF +/-40%, 16V, 0805, Thickness 1.45 mm	C9, C23, C30, C34, C41, C46, C51	CAPC0805(2012)145_ L	CMP-001-00081-4	
100pF N.C.	Capacitor, NPO, ±5% Not mounted	C10 C12, C14	CAPC1005X04L CAPC1005X04L_NC	C0402-100p C0402-N.C.	
0.8pF	Capacitor, NPO, ±5% Capacitor, NPO,	C13	CAPC1005X04L	C0402-0.8p	
1.2pF	±0.1pF	C15 C17, C24, C31, C35,	CAPC1005X04L	C0402-1.2p	
10μF	Capacitor, X5R, ±20%	C42, C47, C52	CAPC1608X06L	С0603-10µ	
4.7μF	Capacitor, X7S, ±10%, 10V	C18, C25, C32, C36, C43, C48, C53	CAPC1608X06L	C0603-4µ7-10V-X7S	
Capacitor 100 nF +/- 10% 50 V 0805	Chip Capacitor, 100 nF, +/- 10%, 50 V, 0805 (2012 Metric)	C19, C20, C44, C49	CAPC2013X95X50LL10 T25	CMP-001-00018-6	
UCD0J102MNL1GS	No Description Available	C22	PCAP_8x10- ELECT_NCA	CMP-001-00083-1	
C1210C107M4PACTU	SMD Comm X5R, Ceramic, 100 uF, 20%, 16 VDC, X5R, SMD, MLCC, Temperature Stable, Class II, 1210	C26, C27	CAPC350280_280N_K EM	CMP-001-00126-1	
Capacitor 10 uF +/- 10% 16 V 1206	Chip Capacitor, 10 uF, +/- 10%, 16 V, 1206 (3216 Metric)	C37	CAPC3216X180X50NL 20T25	CMP-001-00016-6	
Capacitor 4.7µF +/- 40% 25V 0805	Chip Capacitor, 4.7µF +/-40%, 25V, 0805, Thickness 1.45 mm	C38	CAPC0805(2012)145_ L	CMP-001-00080-4	
Capacitor 1 uF +/- 10% 25 V 1206	Chip Capacitor, 1 uF, +/- 10%, 25 V, 1206 (3216 Metric)	C39	CAPC3216X180X20ML 20	CMP-001-00006-6	
B330A-13-F	No Description Available	CR1	SDO_SMA_DIO	CMP-045-000000-1	
SMAJ12CA	No Description Available	CR2, CR3, CR4	SMASeries_LTF	CMP-017-000000-1	
LTST-C190AKT	LED Uni-Color Orange, 100 mW, 30 mA, -55 to 85 degC, 2-Pin SMD, RoHS, Tape and Reel	DS1	LTST-C190AKT-2_V	CMP-007-00021-2	
MM8130-2600	Coaxial Connector with Switch	J1	COAXIAL-SWF	MM8130-2600	
SBH11-PBPC-D20-ST- BK	No Description	J2	CONN40_SBH11-PBPC D20-ST-BK_SUL	CMP-010-000000-4	
B4B-XH-A	Available Connector Header Through Hole 4 position 0.098	J3, J4, J5, J6, J7	JST_B4B-XH-A	CMP-002-00073-1	
B5B-XH-A	(2.50mm) Connector Header Through Hole 5 position 0.098	J8, J9, J10, J11	JST_B5B-XH-A	CMP-002-00076-1	
B2B-XH-A	(2.50mm)	J12	JST_B2B-XH-A	CMP-032-000000-1	
SSB-ZR-SM4A-TF LF SN	No Description Available	J13, J14, J15, J16	CONN_S5B-ZR-SM4A- TF_JST	CMP-091-000000-1	
PJ-102BH	2.5 x 6.5 mm, 5.0 A, Horizontal, Through Hole, Tapered Pins, Dc	J17	CUI_PJ-102BH	CMP-002-00071-2	
	Power Jack Connector				
15nH	Inductor, 320mA, ±5%		INDC1005X04L	L0402-15n	
10μH		L2	INDC1608X06L	L0603-10μ	
10µН 3.9nH	Inductor, 320mA, ±5% Inductor, 80mA, ±10% Inductor, 170mA, ±0.1nH 3A 100uH ±20% 3.5A SMD,13.5x12.6mm	L2 L3	INDC1608X06L INDC1005X04L MWSA1206S-101MT-	L0402-3n9	
10μH	Inductor, 320mA, ±5% Inductor, 80mA, ±10% Inductor, 170mA, ±0.1nH 33A 100uH ±20% 3.5A SMD,13.5x12.6mm Power Inductors ROHS Pin Header 2x5,	L2 L3	INDC1608X06L INDC1005X04L	L0603-10μ	
10 <sub>µ</sub> H 3.9nH MWSA1206S-101MT	Inductor, 320mA, ±5% Inductor, 80mA, ±10% Inductor, 170mA, ±0.1nH 3A 100uH ±20% 3.5A SMD,13.5x12.6mm Power Inductors ROHS Plin Header 2x5, 1.27mm (50mil), SMD,	L2 L3	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1	L0402-3n9 CMP-006-00038-1	
10µH 3.9nH MWSA1206S-101MT Pin Header 2x5, 1.27mm S8050-J3Y	Inductor, 320mA, ±5% Inductor, 30mA, ±10% Inductor, 170mA, ±0.1nH 3A 100uH ±20% 3.5A SMD, 13.5x12.6mm Power Inductors ROHS Pin Header 2x5, 1.27mm (50mil), SMD, Keying Shroud NPN SOT-23 Bipolar (8JT) ROHS Chip Resistor, 10	L2 L3	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x5-SMD- 1.27mm-K S8050-J3Y-Footprint-1	L0402-3n9  CMP-006-00038-1  Pin Header 2x5 SMD,	
10uH 3.9nH MWSA1206S-101MT PIn Header 2x5, 1.27mm S8050-J3Y Resistor 10k +/-1% 0402 63 mW	Inductor, 320mA, ±5% Inductor, 80mA, ±10% Inductor, 107mA, ±0.1ml ±0.1ml 43.100uH ±20% 3.5A 5MD.13.5x12.6mm Power Inductors ROHS PIR Header 2x5, 1.27mm (50mil), SMD, Keyling Shroud NPN SOT 23 Bipolar (8JT) ROHS Chip Resistor, 10 55 to 155 degC, 0402 (1005 Metric)	L2 L3 L4	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x5-SMD- 1.27mm-K	L0603-10µ L0402-3n9 CMP-006-00038-1 Pin Header 2x5 SMD, 1.27mm, KS	
10µH 3.9nH MWSA1206S-101MT Pin Header 2x5, 1.27mm S8050-J3Y Resistor 10k +/-1%	Inductor, 320mA, ±5%, Inductor, 80mA, ±10%, Inductor, 80mA, ±10%, Inductor, 170mA, ±10%, 34 100uH ±20%, 3.5A, \$M 103 ±5412.6mm, 90wer Inductors ROHS Power Inductors ROHS	L2 L3 L4 P1	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x5-SMD- 1.27mm-K S8050-J3Y-Footprint-1 RESC1005X40X25ML0	L0603-10µ L0402-3n9 CMP-006-00038-1 Pin Header 2x5 SMD, 1.27mm, KS CMP-013-00038-1	
10µH 3.9nH MWSA1206S-101MT PIn Header 2x5, 1.27mm \$8050-J3Y Resistor 10k +/-1% 0402 63 mW Resistor 120R +/-5 %	Inductor, 320mA, ±5%, Inductor, 80mA, ±10%. Inductor, 80mA, ±10%. Inductor, 80mA, ±10%. Inductor, 10mA, ±10%.	L2 L3 L4 P1 O1	INDC1608X06L INDC1005X04L MWSA1206S-101MT- footprint-1 HDR_2x5-SMD- 1.27mm-K S8050-J3Y-Footprint-1 RESC1005X40X25ML0 5105	1.0603-10μ 1.0402-3rr9 CMP-006-00038-1 Pin Header 2x5 SMD, 1.27mm, KS CMP-013-00038-1 CMP-009-00019-5	
10µH 3.9nH MWSA1206S-101MT PIn Header 2x5, 1.27mm S8050-J3Y Resistor 10k +/-1% 0402.63 mW Resistor 120R +/-5 % 0603.0.1 W Resistor 2X2 +/-5 %	Inductor, 320mA, ±5%, Inductor, 80mA, ±10%, Inductor, 80mA, ±10%, Inductor, 170mA, ±10%, 100mL, ±10, 20, 1mH, ±10, 40, 1mH, ±10, 40, 1mH, ±10, 40, 40, 40, 40, 40, 40, 40, 4	L2 L3 L4 P1 G1 R1, R2 R3, R7	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x5-SMD- 1.27mm-K S8050-J3V-Footprint-1 RESC1005X40X2SML0 5T05 RESC0603(1608)_L	10603-10µ L0402-3n9 CMP-006-00038-1 Pin Header 2x5 SMD, 1.27mm, KS CMP-013-00038-1 CMP-009-0019-5 CMP-009-00176-3	
10uH  MWSA1206S-101MT  PIn Header 2x5, 1.27mm  S8050-J3Y  Resistor 10k +/-1%  0402 63 mW  Resistor 120R +/-5 %  0402 63 mW  Resistor 2k2 +/-5 %  0402 63 mW  Resistor 4k7 +/-1%	Inductor, 320mA, ±5%, Inductor, 80mA, ±10%. Inductor, 80mA, ±10%. Inductor, 80mA, ±10%. Inductor, 10mA, ±10%.	L2 L3 L4 P1 O1 R1, R2 R3, R7 R4 R5, R6, R8, R9	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x6-SMD- 1.27mm K S8050_13Y-Footprint-1 RESC1005X40X25ML0 5705 RESC0603(1608)_L RESC0402(1005)_L RESC1005X40X25ML0 5705	10603-10µ 10402-3n9 CMP-006-00038-1 Pin Header 2x5 SMD, 1.27mm, KS CMP-013-00038-1 CMP-009-0019-5 CMP-009-00176-3 CMP-009-00166-3	
199H  MMVSA12085-101MT  Pin Header 2x5, 1-27mm  Resistor 10k +/-1%  00023 in W  Resistor 120k +/-1%  00023 in W  Resistor 120k -/-5 %  00023 in W  Resistor 120k -/-5 %  00023 in W  Resistor 10k -/-5 %  00023 in W  Resistor 100 mW  Resistor 447 -/-1%  0002 100 mW  Resistor 448 -/-1%  0002 100 mW  Resistor 448 -/-1%  0002 100 mW  Resistor 448 -/-1%	Inductor, 320mA, ±5%, Inductor, 90mA, 15%, Inductor, 90mA, 15%, 11mL, 15%, 15mL, 1	L2 L3 L4 P1 O1 R1, R2 R3, R7 R4 R5, R6, R8, R9	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x6-SMD- 1.27mm K S8050_13Y-Footprint-1 RESC1005X40X25ML0 5705 RESC0603(1608)_L RESC0402(1005)_L RESC1005X40X25ML0 5705	10693-104 10402-3n9  CMP-006-00038-1  Pin Header 2x5 SMD, 1.27mm, KS  CMP-013-00038-1  CMP-009-00176-3  CMP-009-00166-3  CMP-009-00030-5	
199H  MMVSA120S5-101MT  Pin Header 225, 1-27mm  S8050-12Y  Resistor 108: +/-1%  0002 53 mW  Resistor 1208: +/-5 %  0003 0.1 W  Resistor 420: +/-1%  0002 53 mW  Resistor 420: +/-5 %  Resistor 427: +/-1%  Resistor 427: +/-1%  Resistor 427: +/-1%  Resistor 437: +/-5 %  Resistor 437: +/-5 %	Inductor, 320mA, ±5%, inductor, 80mA, ±15%, inductor, 80mA, ±10, inductor, 80mA, 13, 5x12, 5x13, 13, 12, 12mm (20mM, 35MD, 35M	L2 L3 L4 P1 O1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13	INDC1608X06L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x5-SMD- 1.27mm-K S8050-J3Y-Footprint-1 RESC1005X40X25ML0 5105 RESC0402(1005)_L RESC1005X40X25ML0 5105 RESC0402(1005)_L RESC1005X40X25ML0	10603-104 10402-3n9  CMP-006-00038-1  Pin Header 2x5 SMD, 1,27mm, K5  CMP-013-00038-1  CMP-009-00176-3  CMP-009-00166-3  CMP-009-00143-4	
199H  MMVSA12085-101MT  Pin Header 2x6, 1-27mm  S8050-13Y  Resistor 108 +/-1%  0002-2 inW  Resistor 1208 +/-5%  0002-2 inW  Resistor 1208 +/-5%  0002-2 inW  Resistor 420 +/-5%  0002-2 inW  Resistor 427 +/-5%  0002-2 inW  Resistor 438 +/-5%  0002-2 inW  Resistor 338 +/-5%  0002-2 inW	Inductor, 320mA, ±5%, inductor, 620mA, ±5%, inductor, 620mA, ±10%, inductor, 620mA, ±10%, and ±10.11 inductor, 620mA, ±10.11 inductor, 620mA, ±10.11 inductor, 620mA, 534 inductor, 630mA, 535 inductor, 630mA, 630m	L2 L3 L4 P1 O1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13 R15	INDC1608006L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2x6-SMD- 1.27mm K S8050-J3V-Footprint-1 RESC1005X40X2SML0 ST05 RESC0402(1005)_L RESC0402(1005)_L RESC0402(1005)_L RESC0402(1005)_L RESC0402(1005)_L	10693-104 10402-3n9  CMP-006-00038-1  Pin Header 2x5 SMD, 1,27mm, KS  CMP-013-00038-1  CMP-009-0019-5  CMP-009-0016-3  CMP-009-00143-4  CMP-009-00149-3	
19aH  1MMSA12065-101MT  PIN Header 2.6, 1.27mm  S896-137  Resistor 10k +/-1k  0402-63 mW  Resistor 20k +/-1k  0402-63 mW  Resistor 30k +/-1k  Resistor 42k +/-1k  0402-10 mW  Resistor 42k +/-1k  0402-10 mW  Resistor 42k +/-1k  0402-63 mW  PIH-M205XS	inductor, 320mA, ±5%, inductor, 630mA, ±5%, inductor, 630mA, ±10%, inductor, 630mA, 530mA,	L2 L3 L4 P1 O1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13 R15 S11, S12, S13, S14	INDC1608006L INDC1005X04L MWSA1206S-101MT- Footprint-1 HDR_2s6-SMD- 1.27mm K S8050_J3V-Footprint-1 RESC1005X40X2SML0 5706 RESC0402(1005)_L	10603-104 10402-304	
199H  MWSA12085-101MT  Pin Header 2x6, 1-27mm  Resistor 10x +/-1%  Resistor 120x +/-1%  Resistor 120x +/-5%  GRG20 1 W  Resistor 120x +/-5%  GRG20 3 mW  Resistor 33x +/-5%  GRG20 3 mW	Inductor, 320mA, ±5%, Inductor, 90mA, 15%, Inductor, 90mA, 11%, 50 ndt. 12mm, 1	L2 L3 L4 P1 G1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13 R15 S11, S12, S13, S14 U1	INDC1608006L INDC1005804L MNDS1005804L MWSA12065-101MT- Footprint-1 1-27mm K S8050-J3V-Footprint-1 RESC1005X40X25ML0 S105 RESC0402(1005)_L	10693-104 10402-309  CMP-006-00038-1  Pin Header 2x5 SMD, 1.27mm, KS  CMP-013-00038-1  CMP-009-0019-5  CMP-009-00176-3  CMP-009-0016-3  CMP-009-00143-4  CMP-009-00149-3  CMP-009-00149-3  CMP-009-00149-3	
199H  MWSA12085-101MT  PIn Header 216, 1.27mm  S8050-139Y  Resistor 106 +/-1%  Resistor 120 +/-1%  Resistor 120 +/-5%  00620 0.1 W  Resistor 1200 +/-5%  00620 0.1 W  Resistor 1200 +/-5%  00620 0.1 W  Resistor 220 +/-5%  00620 0.1 W  Resistor 330 +/-5%  00620 0.1 mW  PIN-MODESS  Resistor 330 +/-5%  00620 0.1 mW  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 +/-5%  00620 0.1 mW  Limit 100 -/-5%  Resistor 330 -/-5%  00620 0.1 mW  Resistor 340 -/-	Inductor, 320mA, ±5%, Inductor, 80mA, ±10%, Inductor, 80mA, ±10%, and ±10%, ±1	L2 L3 L4 P1 G1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13 R15 S11, S12, S13, S14 U1 U3	INDC1608006L INDC1008X04L MVSA12065-101MT- Footprint-1 HDR_2x6-5MD- 1.27mm K S8050-13V-Footprint-1 RESC1005X40X25ML0 5105 RESC0402(1005)_L RESC0402(1005)_R RESC0402(1005)_R RESC0402(1005)_R RES	10603-104 10402-3n9  CMP-006-00038-1  Pin Header 2x5 SMD, 1.27mm, KS  CMP-010-00038-1  CMP-009-00109-5  CMP-009-00176-3  CMP-009-00166-3  CMP-009-00143-4  CMP-009-00143-4  CMP-009-00149-3  CMP-009-00149-3  CMP-009-00149-3  CMP-009-00149-3  CMP-009-00140-3	
199H  MWSA12085-101MT  PIn Header 245, 1-27mm  S8050-137  Resistor 120R +/-1%  0000-0.1 W  Resistor 120R +/-5%  0000-0.1 W  PRESISTOR 427 +/-1%  0000-0.1 W  PRESISTOR 33R +/-5%  0000-0.1 M  PRESISTOR 34R +/-5%  0000-0.1 M  PRESISTO	inductor, 320mA, ±5%, inductor, 60mA, ±15%, inductor, 60mA, ±10%,	L2 L3 L4 P1 Q1 R1, R2 R3, R7 R4 R5, R6, R8, R9 R10, R11, R12, R13 R15 ST1, ST2, ST3, ST4 U1 U3 U5	INDC1608006L INDC1005804L INDC1005804L INDC1005804L INDC10058041 INDC10058040 INDC10058040 INDC10058040X25ML0 INDC10058040X25ML	10693-104 10402-319 10402-319 10402-319 11-27mm, KS 11-27mm, KS 12-27mm, KS 12	