

















Capacitor (Semiconductor SIM	Designator	Footprint	LibRef	Quantity	Value
	C1, C48, C49, C51, C53, C55, C58, C59, C61,	0400	0 0	40	40-5
Model)	C68, C69, C72	0402	Cap Semi	12	10pF
Capacitor (Semiconductor SIM Model)	C2, C26, C27, C28, C30, C32, C47, C50, C52, C54, C56, C57, C60, C62	0402	Cap Semi		0.1uF
Capacitor	C54, C56, C57, C60, C62	0402	Cap Semi	14	0.1uF
(Semiconductor SIM Model)	C3, C4	0402	Cap Semi	2	27pF
(Semiconductor SIM Model)	~	0402	Cap Semi		0.0022uF
	C5 C8, C7, C9, C16, C18,	0402	Cap Semi	1	0.0022ur
Capacitor (Semiconductor SIM Model)	C21, C22, C23, C24, C35, C37, C38, C76, C79, C80, C81, C82	0402	Cap Semi	17	100nF
Capacitor (Semiconductor SIM	C79, C80, C81, C82	0402	Сар Зепі		Toolir
Model)	C8, C25, C29	0402	Cap Semi	3	2pF
(Semiconductor SIM Model)	C10, C17, C19, C20, C33, C34, C36, C39, C67, C75, C83	0402	Cap Semi	11	10uF
Capacitor (Semiconductor SIM	007,070,000	0402	cap com		Tour
Model)	C11	0402	Cap Semi	1	100pF
(Semiconductor SIM Model)	C12, C14	0402	Cap Semi	2	2.7pF
Capacitor (Semiconductor SIM				_	
Model) Capacitor	C13	0402	Cap Semi	1	470nF
(Semiconductor SIM Model)	C15	0402	Cap Semi	1	DNP
Capacitor (Semiconductor SIM					
Model)	C31	0402	Cap Semi	1	2.0pF
(Semiconductor SIM Model)	C40, C73	0402	Cap Semi	2	0.8pF
Capacitor (Semiconductor SIM					
Model)	C41, C74	0402	Cap Semi	2	0pF
(Semiconductor SIM Model)	C42, C43, C77, C78	0402	Cap Semi	4	13.8pF
Capacitor (Semiconductor SIM					
Model) Capacitor	C44	0402	Cap Semi	1	532pF
(Semiconductor SIM Model)	C45	0402	Cap Semi	1	1.17nF
Capacitor (Semiconductor SIM					
Model) Capacitor	C46	0402	Cap Semi	1	15.9nF
(Semiconductor SIM Model)	C63, C66	0402	Cap Semi	2	5pF
Capacitor (Semiconductor SIM					
Model) Capacitor	O64	0402	Cap Semi	1	1nF
(Semiconductor SIM Model)	C65	0402	Cap Semi	1	120pF
Capacitor (Semiconductor SIM					
Model) Typical RED, GREEN,	C70, C71	0402	Cap Semi	2	15pF
YELLOW, AMBER GaAs LED	D1, D2, D3, D4	0603	LED2	4	
YELLOW, AMBER GaAs					
LED	D5 H1	0603 Header 10x1 8.5mm	IOH	1	
	H2	Header 8x1 8.5mm	POWER	1	
	H3 H4	Header 8x1 8.5mm Header 6x1 8.5mm	IOL AD	1	
Inductor	L1, L2, L14, L16	0402	Inductor	4	18nH
Inductor	L3, L21	0402	Inductor	2	120 ohms @ 100 MH:
	L4, L9, L10	0402	Inductor	3	
Inductor				-	DNP
Inductor	L5, L17	0402	Inductor	2	0.07uH
Inductor	L5, L17 L6, L18	0402	Inductor Inductor	2	0.07uH 0nH
Inductor Inductor Inductor	L5, L17		Inductor	2	0.07uH
Inductor Inductor Inductor Inductor	L5, L17 L6, L18 L7, L8, L19, L20	0402 0402	Inductor Inductor Inductor	2 2 4	0.07uH 0nH 0.004uH
Inductor Inductor Inductor Inductor Inductor Inductor Inductor	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15	0402 0402 0402 0402 0402	Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor	2 2 4	0.07uH 0nH 0.004uH 94nH
Inductor Inductor Inductor Inductor Inductor	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15 P1	0402 0402 0402 0402	Inductor	2 2 4 1 1 2	0.07uH 0nH 0.004uH 94nH 23nH
Inductor Inductor Inductor Inductor Inductor Inductor Inductor	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15 P1 P2	0402 0402 0402 0402 0402	Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Header 2 Iag-connect	2 2 4 1 1 1 1	0.07uH 0nH 0.004uH 94nH 23nH
Inductor	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15 P1	0402 0402 0402 0402 0402	Inductor	2 2 4 1 1 2	0.07uH 0nH 0.004uH 94nH 23nH
Inductor Ind	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15 P1 P2 P3, P5	0402 0402 0402 0402 0402 0402 0402 HDR1X2	Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Header 2 Isg-connect MMCX	2 2 2 4 4 1 1 2 2 1 1 1 1 1 2 2 2 2 2 2	0.07uH 0nH 0.004uH 94nH 23nH
Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Header, 2-Pin SMB Straight Connector Semiconductor Resistor	L5, L17 L6, L18 L7, L8, L19, L20 L11 L12, L13 L15 P1 P2 P3, P5 P4 R1, R2, R3, R4 R5	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V-R-J45 T0402	Inductor Ind	2 2 4 4 1 1 1 2 2 1 1 2 2 1 1 4 4 4 1 1 1 1	0.07uH 0nH 0.004uH 94nH 19nH 19nH
Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Inductor Header, 2-Pin SMB Straight Connector Semiconductor Resistor Semiconductor Resistor	L5, L17 L6, L18 L6, L18 L12, L19, L20 L11 L12, L13 L15 P1 P2 P3, P5 P4 R1, R2, R3, R4 R5 R6	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V-RJ45 0402 0402	Inductor Header 2 tag-connect MMCX SMB Res Semi Res Semi Res Semi	2 2 4 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.07uH 0.0H 0.004uH 9.00H 23nH 19nH 530 47k 56k, 196
Inductor Ind	15, L17 L6, L18 L5, L8 L5, L8 L5, L8 L17 L12 L12 L13 L15 P1 P2 P3, P5 P4 R1, R2, R3, R4 R5 R6 R7, R14, R29	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V-RJ45 0402 0402 0402 0402 0402	inductor Header 2 tag-connect MMCX SMB Res Semi Res Semi Res Semi Res Semi	2 2 4 4 1 1 2 2 1 1 1 2 2 1 1 4 4 1 1 3 3 3	0.07uH 0.0H 0.0H 94nH 23nH 19nH 7330 47K 56K, 1% 6
Inductor Ind	LS, L17 LB, L18 LB, L18 LB, L19 LS, L19 L12 L11 L12, L13 L15 P1 P2 P2 P4 R1, R2, R3, R4 R6 R7, R14, R29 R10	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V-RJ45 0402 0402 0402 0402 0402	Inductor Ind	2 2 4 4 1 1 2 2 1 1 1 2 2 1 1 4 4 1 1 3 3 3	0.07uH 0nH 94nH 94nH 23nH 19nH 530 47k 56k, 196 6
Inductor Semiconductor Resistor Semiconductor Resistor Semiconductor Resistor	15, L17 L6, L18 L5, L8 L5, L8 L5, L8 L17 L12 L12 L13 L15 P1 P2 P3, P5 P4 R1, R2, R3, R4 R5 R6 R7, R14, R29	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V-RJ45 0402 0402 0402 0402 0402	inductor Header 2 tag-connect MMCX SMB Res Semi Res Semi Res Semi Res Semi	2 2 4 4 1 2 2 2 1 1 1 2 2 2 1 1 1 4 4 1 1 1 3 3 1 1	0.07uH 0.0H 0.0H 94nH 23nH 19nH 7330 47K 56K, 1% 6
Inductor Ind	LS, L17 LS, L18 LS, L18 LS, L19 LS, L19 LS, L19 LS, L19 LS, L19 LS, L15 LS, L1	0402 0402 0402 0402 0402 0402 HDR1X2 SMB_V4R46 0402 0402 0402 0402 0402 0402 0402 04	Inductor Ind	2 2 2 3 4 4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	0.07uH 0.0H 0.0H 94nH 94nH 23nH 19nH 530 47k 56k, 1% 0 23.0k
Inductor Ind	LG. L17 LG. L18 L17 LG. L19 L17 L19 L19 L19 L15 L15 L15 L15 L15 L17 P1 P2 P2 P3, P5 P4 R1, R2, R3, R4 R5 R6 R6 R7, R14, R29 R10 R10 R17 R13 R16 R17 R17 R17, R16, R19, R21	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 4 4 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	0.07uH 0.0H 0.0H 94eH 94eH 19eH 19eH 19eH 19eH 11.3H 530 67 67 73.0
Inductor Ind	LS. L17 LS. L18 LS. L18 LS. L19 LS. L1	0402 0402 0402 0402 0402 0402 0402 0408 0408	Inductor Ind	2 2 2 4 4 1 1 1 2 2 1 1 1 1 1 1 1 1 1 1	0.07uH 0.07uH 0.00duH 94nH 94nH 18cH 18cH 18cH 0.00duH 18cH 18cH 18cH 18cH 18cH 18cH 18cH 18c
Inductor Ind	LS. L17 LG. L18 LT. L18 LT. L19 LT. L12 L11 L15 L15 L15 L17 L15 L17 L15 L17 L17 L17 L18 L18 L18 L18 L18 L19	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 4 4 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	0.07uH 0nH 0.004uH 0.004uH 94nH 94nH 19eH 19eH 19eH 19eH 19eH 19eH 19eH 10eH 10eH 10eH 10eH 10eH 10eH 10eH 10
Inductor Ind	LS. L17 LS. L18 LS. L18 LS. L19 LS. L1	0402 0402 0402 0402 0402 0402 0402 0408 0408	Inductor Ind	2 2 2 4 4 1 1 2 2 1 1 1 1 1 1 1 1 1 1 1	0.07uH 0.07uH 0.004uH 94nH 94nH 196nH 196n
Inductor Ind	LS. L17 LS. L18 LS. L18 LS. L19 LS. L1	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 2 3 4 4 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5 5	0.070H OneH OneH OneH OneH OneH OneH OneH One
Inductor Ind	LS. L17 LG. L17 LG. L16 L7, L8, L16, L20 L11 L12, L13 L15 P1 P2 P2 P4 R5 R4 R5 R7, R14, R29 R10 R17, R14, R29 R10 R17, R14, R29 R10 R17, R14, R21 R22, R24 R25, R26 R22, R27 U1, U14 U2 U3	0402 0402 0402 0402 0402 0402 0402 0402	Industria Indust	2 2 2 2 2 2 2 2 2 2 1 1	0.070H OneH OneH OneH OneH OneH OneH OneH One
Inductor Ind	LS. L17 LS. L19 LS. L1	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 2 2 2 2 2 2 2 2 1 1 1 1	0.070H OneH OneH OneH OneH OneH OneH OneH One
Inductor Ind	LS. L17 LG. L18 LT9 LT, LB, L19, L20 L11 L12, L13 L15 P1 P2 P2 P4 R5 R6 R7, R14, R29 R10 R7, R14, R29 R10 R17, R14, R29 R10 R17, R14, R5, R4 R25, R26 R22, R24 R25, R27 UT, UT4 UZ U3 U4 U5	0402 0402 0402 0402 0402 0402 0402 0402	Industria Indust	2 2 2 2 2 2 2 2 2 1 1 1 1	0.070H OneH OneH OneH OneH OneH OneH OneH One
Inductor Ind	LS. L17 LG. L18 LT. L16 LT. L17 LT. L1, L19 LT2 LT3 LT3 LT3 LT5 LT5 LT5 LT5 LT5 LT5 LT7 LT2 LT5 LT5 LT7 LT2 LT5 LT7	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2	0.070H OneH OneH OneH OneH OneH OneH OneH One
Inductor Ind	LG. L17 LG. L18 LT7 LG. L19, L20 L11 L11 L12, L13 L15 L15 L15 L15 L17 L15 L17 L15 L17 L15 L17 L17 L18	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.07uH 0nH 0.004uH 0.004uH 94nH 94nH 19eH 19eH 19eH 19eH 19eH 19eH 19eH 10eH 10eH 10eH 10eH 10eH 10eH 10eH 10
Inductor Ind	LS. L17 LG. L18 LT. L16 LT. L17 LT. L1, L19 LT2 LT3 LT3 LT3 LT5 LT5 LT5 LT5 LT5 LT5 LT7 LT2 LT5 LT5 LT7 LT2 LT5 LT7	0402 0402 0402 0402 0402 0402 0402 0402	Inductor Ind	2 2 2 1 1 1 1 1 2 2 2 2 2 2 2 2 2 2 2 2	0.07uH 0nH 0.004uH 0.004uH 94nH 94nH 19eH 19eH 19eH 19eH 19eH 19eH 19eH 10eH 10eH 10eH 10eH 10eH 10eH 10eH 10
Inductor Ind	LS. L17 LG. L17 LG. L18 L7, LB, L19, L20 L11 L15 L15 L17 L17 L18 L19	0402 0402 0402 0402 0402 0402 0402 0408 0408	Industria Indust	2 2 2 2 2 2 2 2 2 2 2 2 2 2 1 1 1 2 2 2 2 2 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 2 2 2 2 2 1 1 1 1 1 2 2 2 2 2 1	0.07uH 0.004uH 0.004uH 9.004uH 9.61vH
Inductor Ind	LS. L17 LG. L18 LT7 LG. L19 LT7 LG. L19, L20 L11 L15 L15 L15 L15 L17 L15 L17 L17 L17 L18 L19 L18 L19	0402 0402 0402 0402 0402 0402 0402 0408 0408	Inductor Ind	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	0.07uH 0.004uH 0.004uH 9.004uH 9.61vH