







Comment	Description	Designator BM1, BM2, BM3,	Footprint	LibRef	Quantity
BM1397		BM4, BM5, BM6,	BM1387	BM1397_0, BM1397_1	8
1uF		BM7, BM8 C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11,		BW1377_1	
		C12, C13, C14, C15,			
		C16, C21, C22, C23, C24, C25, C26, C27,			
		C28, C37, C38, C39,			
		C40, C41, C42, C43,			
		C44, C69, C70, C71, C72, C73, C74, C75,	CAP-SMD-0402	CAP	64
		C76, C77, C78, C79,			
		C80, C81, C82, C83,			
		C84, C93, C94, C95, C96, C97, C98, C99,			
		C100, C101, C102,			
		C103, C104, C105,			
		C106, C107, C108 C17, C18, C19, C20,			
100nF		C29, C30, C31, C32,			
		C33, C34, C35, C36,			
		C45, C46, C47, C48, C51, C52, C56, C57,			
		C61, C62, C66, C67,	CAP-SMD-0603	CAP	4
		C85, C86, C87, C88,			
		C89, C90, C91, C92, C109, C110, C111,			
		C112, C113, C114,			
		C115, C116, C124,			
		C125, C129, C130, C134, C135, C187	1		
		C49, C50, C54, C55,			
1uF		C59, C60, C64, C65,	CAP-SMD-0603	CAP	14
		C122, C123, C127, C128, C132, C133			
		C53, C58, C63, C68,			
330uF		C121, C126, C131,	CAP-TAN-CASE-E	POLARIZED CAP	8
		C136 C137, C139, C141,			
10uF		C143, C145, C147,	CAP-TAN-CASE-A	POLARIZED CAP	8
		C149, C151			
22uF		C138, C140, C142, C144, C146, C148,	CAP-TAN-CASE-A	POLARIZED CAP	
		C150, C152	CAF-TAIN-CASE-A	FOLARIZED CAF	
100nF		C153, C154, C155,			
		C156, C157, C158, C159, C160, C161,			
		C162, C163, C164,			
		C165, C166, C167,			
		C168, C169, C170, C171, C172, C173,	CAP-SMD-0402	CAP	32
		C174, C175, C176,			
		C177, C178, C179,			
		C180, C181, C182,			
1000uF/25v		C183, C184 C185	CAP ALUM 10.3MM	POLARIZED CAP	1
HEADER 1x6		J1	HEADER-1x6	HEADER 1x6	1
CONNECTOR 25MHz		J2 Q1	ATX 6 XTALL	ATX 6 OSCILLATOR	1
25MHz OR		R1, R2, R3, R4, R5, R6,	ATALL	OSCILLATOR	
		R7, R8, R9, R10, R11,			
		R12, R21, R22, R23,			
		R24, R25, R26, R27, R28, R29, R30, R31,	RES-SMD-0402	RES	32
		R24, R25, R26, R27, R28, R29, R30, R31, R32, R53, R54, R59,	RES-SMD-0402	RES	32
		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71,	RES-SMD-0402	RES	34
		R28, R29, R30, R31, R32, R53, R54, R59,	RES-SMD-0402	RES	32
10R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20,		RES	
10R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36,	RES-SMD-0402		16
10R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40			
		R28, R29, R30, R81, R32, R83, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40 R41, R42, R43, R44, R45, R46, R47, R48,	RES-SMD-1210	RES	18
10R 4.99R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40 R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R55, R56,			
4.99R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72 R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40 R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R55, R56, R61, R62, R67, R68	RES-SMD-1210 RES-SMD-1206	RES RES	16
4.99R 10K		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72, R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40 R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R55, R56, R61, R62, R57, R68, R51, R52, R57, R68	RES-SMD-1210 RES-SMD-1206 RES-SMD-0402	RES RES	16
		R28, R29, R30, R31, R32, R53, R54, R59, R60, R55, R66, R71, R72, R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R49, R50, R55, R56, R61, R62, R67, R68, R61, R62, R67, R68, R63, R64, R69, R70, R73	RES-SMD-1210 RES-SMD-1206	RES RES	16
4.99R 10K 0R		R28, R29, R30, R31, R31, R32, R53, R54, R59, R60, R65, R66, R71, R73, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R46, R50, R57, R58, R64, R69, R70, R73, R58, R64, R69, R70, R73, R74, R75, R76, R70, R73, R74, R75, R76, R70, R73, R74, R75, R76, R70, R70, R73, R74, R75, R76, R108, R64, R10, R20, R71, R75, R76, R108, R24, R75, R76, R70, R73, R74, R75, R76, R108, R64, R108, R20, R70, R73, R76, R76, R76, R76, R76, R76, R76, R76	RES-SMD-1210 RES-SMD-1206 RES-SMD-0402 RES-SMD-0603	RES RES RES	16
4.99R 10K		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R73, R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R45, R46, R47, R48, R45, R46, R47, R48, R46, R47, R48, R46, R47, R48, R46, R47, R48, R48, R48, R48, R48, R48, R48, R48	RES-SMD-1210 RES-SMD-1206 RES-SMD-0402	RES RES	16
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4.99R 10K 0R		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72, R73, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R45, R46, R47, R48, R46, R46, R47, R48, R46, R47, R48, R46, R47, R48, R49, R50, R57, R52, R51, R52, R57, R58, R61, R62, R62, R62, R62, R62, R62, R62, R62	RES-SMD-1210 RES-SMD-1206 RES-SMD-0402 RES-SMD-0603	RES RES RES	16
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4.99R 10K 0R 0R 33R 4.7K TEST POINT		R28, R29, R30, R31, R32, R53, R54, R59, R60, R65, R66, R71, R72, R13, R14, R15, R16, R17, R18, R19, R20, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R50, R51, R52, R57, R58, R58, R68, R69, R70, R73, R74, R75, R76, R108, R19, R10, R110, R112, R117, R118, R119, R119	RES-SMD-1210 RES-SMD-1206 RES-SMD-0402 RES-SMD-0603 RES RES-SMD-1206 RES-SMD-0402 TEST_POINT	RES RES RES RES RES RES RES RES RES	16
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