



A Selection of Hittite Components for

TEST & MEASUREMENT

TEST & MEASUREMENT

9 kHz - 6 GHz			10 MHz - 26.5 GHz			10 MHz - ≥50 GHz		
Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules
Low Noise Amplifiers								
	HMC392LC4 HMC609LC4 HMC617LP3E	HMC-C001 HMC-C002 HMC-C022 HMC-C045		HMC392LC4 HMC519LC4 HMC609LC4 HMC617LP3E	HMC-C001 HMC-C002 HMC-C016 HMC-C017 HMC-C022 HMC-C045	HMC-ALH382 HMC-ALH459 HMC-ALH509	HMC392LC4 HMC519LC4 HMC609LC4 HMC617LP3E	HMC-C001 HMC-C002 HMC-C016 HMC-C017 HMC-C022 HMC-C027 HMC-C045
Broadband Gain Block Amplifiers								
HMC396 HMC405	HMC311SC70E HMC474MP86E HMC478SC70E HMC475ST89E HMC476SC70E HMC478SC70E		HMC396 HMC405	HMC311SC70E HMC474MP86E HMC478SC70E HMC475ST89E HMC476SC70E HMC478SC70E		HMC396 HMC405	HMC311SC70E HMC474MP86E HMC478SC70E HMC475ST89E HMC476SC70E HMC478SC70E	
Wideband (Distributed) Amplifiers								
HMC459 HMC460 HMC465 HMC559 HMC619 HMC659 HMC-ALH102 HMC-ALH435 HMC-ALH482 HMC-AUH232 HMC-AUH249 HMC-AUH312	HMC465LP5E HMC619LP5E	HMC-C004 HMC-C024 HMC-C038	HMC459 HMC460 HMC465 HMC559 HMC619 HMC633 HMC634 HMC635 HMC659 HMC-ALH102 HMC-ALH140 HMC-ALH216 HMC-ALH244 HMC-ALH256 HMC-ALH311 HMC-ALH364 HMC-ALH369 HMC-ALH435 HMC-ALH444 HMC-ALH445 HMC-ALH476 HMC-ALH482 HMC-AUH232 HMC-AUH249 HMC-AUH312	HMC459 HMC460 HMC465 HMC559 HMC619 HMC633 HMC634 HMC635 HMC659 HMC-ALH102 HMC-ALH140 HMC-ALH216 HMC-ALH244 HMC-ALH256 HMC-ALH310 HMC-ALH311 HMC-ALH313 HMC-ALH364 HMC-ALH369 HMC-ALH435 HMC-ALH444 HMC-ALH445 HMC-ALH476 HMC-ALH482 HMC-AUH232 HMC-AUH249 HMC-AUH256 HMC-AUH312	HMC-C004 HMC-C024 HMC-C038	HMC459 HMC460 HMC465 HMC559 HMC619 HMC633 HMC634 HMC635 HMC659 HMC-ALH102 HMC-ALH140 HMC-ALH216 HMC-ALH244 HMC-ALH256 HMC-ALH310 HMC-ALH311 HMC-ALH313 HMC-ALH364 HMC-ALH369 HMC-ALH435 HMC-ALH444 HMC-ALH445 HMC-ALH476 HMC-ALH482 HMC-AUH232 HMC-AUH249 HMC-AUH256 HMC-AUH312	HMC-C004 HMC-C024 HMC-C038	



A Selection of Hittite Components for

TEST & MEASUREMENT

TEST & MEASUREMENT

9 kHz - 6 GHz			10 MHz - 26.5 GHz			10 MHz - ≥50 GHz		
Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules
Attenuators: Analog								
HMC346	HMC346LP3E HMC346MSG8E		HMC346 HMC-VVD102	HMC346LP3E HMC346MSG8E		HMC346 HMC-VVD102 HMC-VVD104 HMC-VVD106	HMC346LP3E HMC346MSG8E	
Attenuators: Digital								
HMC424	HMC424LP3E HMC542LP4E HMC624LP4E HMC629LP4E	HMC-C018 HMC-C025	HMC424	HMC424LP3E HMC542LP4E HMC624LP4E	HMC-C018 HMC-C025	HMC424	HMC424LP3E HMC542LP4E HMC624LP4E	HMC-C018 HMC-C025
Attenuators: Passive								
HMC650	HMC656LP2E		HMC650	HMC656LP2E		HMC650	HMC656LP2E	
HMC651	HMC657LP2E		HMC651	HMC657LP2E		HMC651	HMC657LP2E	
HMC652	HMC658LP2E		HMC652	HMC658LP2E		HMC652	HMC658LP2E	
HMC653			HMC653			HMC653		
HMC654			HMC654			HMC654		
HMC655			HMC655			HMC655		
HMC656			HMC656			HMC656		
HMC657			HMC657			HMC657		
HMC658			HMC658			HMC658		
Data Converters: Track & Hold								
	HMC660LC4B			HMC660LC4B			HMC660LC4B	
High Speed Comparators								
	HMC674LC3C HMC675LC3C HMC676LC3C			HMC674LC3C HMC675LC3C HMC676LC3C			HMC674LC3C HMC675LC3C HMC676LC3C	
High Speed Digital Logic								
	HMC670LC3C HMC671LC3C HMC672LC3C HMC673LC3C			HMC670LC3C HMC671LC3C HMC672LC3C HMC673LC3C			HMC670LC3C HMC671LC3C HMC672LC3C HMC673LC3C	
Phase Shifters: Analog								
HMC247			HMC247	HMC538LP4E	HMC-C010	HMC247	HMC538LP4E	HMC-C010
Phase Shifters: Digital								
HMC647	HMC647LP6E		HMC543	HMC543LC4B		HMC543	HMC543LC4B	
HMC648	HMC648LP6E		HMC642	HMC642LC5		HMC642	HMC642LC5	
HMC649	HMC649LP6E		HMC643	HMC643LC5		HMC643	HMC643LC5	
			HMC644	HMC644LC5		HMC644	HMC644LC5	
			HMC647	HMC647LP6E		HMC647	HMC647LP6E	
			HMC648	HMC648LP6E		HMC648	HMC648LP6E	
			HMC649	HMC649LP6E		HMC649	HMC649LP6E	



A Selection of Hittite Components for

TEST & MEASUREMENT

TEST & MEASUREMENT

9 kHz - 6 GHz			10 MHz - 26.5 GHz			10 MHz - ≥50 GHz		
Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules	Chip	SMT	Conn. Modules
Frequency Multipliers: Active								
HMC561	HMC561LP3E	HMC-C031	HMC448 HMC576 HMC-XDB112 HMC-XDH158	HMC448LC3B HMC576LC3B	HMC-C031 HMC-C032 HMC-C033 HMC-C034	HMC448 HMC576 HMC-XDB112 HMC-XDH158	HMC448LC3B HMC576LC3B	HMC-C031 HMC-C032 HMC-C033 HMC-C034
Frequency Dividers (Prescalers) & Detectors								
HMC363	HMC439QS16GE	HMC-C005	HMC363	HMC439QS16GE	HMC-C005	HMC363	HMC439QS16GE	HMC-C005
HMC364	HMC440QS16GE	HMC-C006	HMC364	HMC440QS16GE	HMC-C006	HMC364	HMC440QS16GE	HMC-C006
HMC365	HMC492LP3E HMC493LP3E HMC494LP3E	HMC-C007 HMC-C039 HMC-C040	HMC365	HMC492LP3E HMC493LP3E HMC494LP3E	HMC-C007 HMC-C039 HMC-C040	HMC365	HMC492LP3E HMC493LP3E HMC494LP3E	HMC-C007 HMC-C039 HMC-C040
Mixers: Fundamental & Sub-Harmonic								
HMC557	HMC557LC4		HMC557	HMC258LC3B	HMC-C014	HMC557	HMC258LC3B	HMC-C014
HMC558	HMC558LC3B HMC622LP4E		HMC558	HMC557LC4 HMC558LC3B HMC622LP4E	HMC-C015 HMC-C035	HMC558 HMC-MDB169 HMC-MDB218	HMC557LC4 HMC558LC3B HMC622LP4E	HMC-C015 HMC-C035
Switches: SPST								
	HMC550E	HMC-C019		HMC550E	HMC-C019		HMC550E	HMC-C019
Switches: SPDT								
HMC232	HMC232LP4E	HMC-C011	HMC232	HMC232LP4E	HMC-C011	HMC232	HMC232LP4E	HMC-C011
HMC347	HMC347LP3E HMC547LP3E HMC646LP2E		HMC347	HMC347LP3E HMC547LP3E		HMC347	HMC347LP3E HMC547LP3E	
Switches: Multi-Throw & Transfer								
HMC641	HMC253LC4 HMC344LC3 HMC427LP3E		HMC641	HMC253LC4 HMC344LC3 HMC427LP3E		HMC641	HMC253LC4 HMC344LC3 HMC427LP3E	
Synthesizers: Signal Generator								
	HMC-T1000 HMC-T2000							
VGAs - Digital								
	HMC640LP4E			HMC640LP4E			HMC640LP4E	