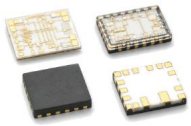
Product catalog

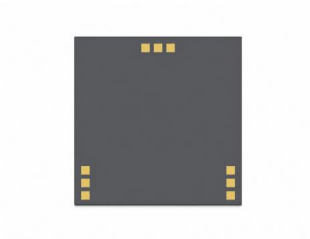
Integrated Passive Devices

Integrated passive devices combine passive circuit elements in one substrate or package. RF implementations can provide matching, filtering, balun conversion or coupling.



Products: 32

Revision: 11 · Revision date: 2026-11-11



LCDIV-2000-18000-2WAY-D-S2X2

2000–18000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.3 (typical). Die dimensions: 2 × 2 × 0.1 mm.

Operating frequency: Minimum: 2000; Maximum: 18000; Value: 2000–18000; Unit: MHz

Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.3

TA = +25 °C

Product details Product datasheet



LCDIV-3700-5000-2WAY

3700–5000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.8 × 1.3 × 0.1 mm.

Operating frequency: Minimum: 3700; Maximum: 5000; Value: 3700–5000; Unit: MHz

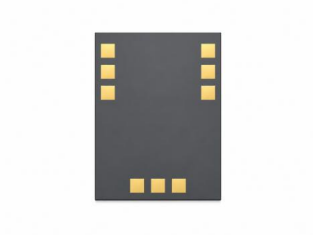
Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-500-2700-2WAY

500–2700 MHz GaAs IPD 2-way 0° power divider die

Isolation: 14 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.3 (typical). Die dimensions: 0.9 × 1.2 × 0.1 mm.

Operating frequency: Minimum: 500; Maximum: 2700; Value: 500–2700; Unit: MHz

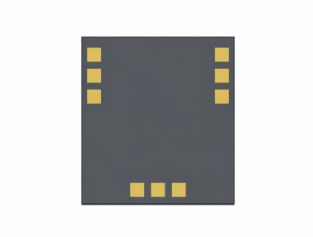
Isolation: Typical: 14; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.3

TA = +25 °C

Product details Product datasheet



LCDIV-800-2000-2WAY

800–2000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 18 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.3 (typical). Die dimensions: 1.1 × 1.2 × 0.1 mm.

Operating frequency: Minimum: 800; Maximum: 2000; Value: 800–2000; Unit: MHz

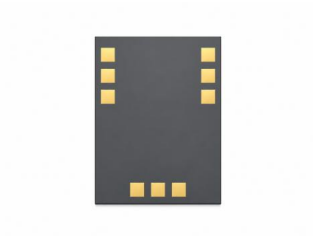
Isolation: Typical: 18; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.3

TA = +25 °C

Product details Product datasheet



LCDIV-1000-4000-2WAY

1000–4000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 18 dB (typical); Input VSWR: 1.4 (typical); Output VSWR: 1.4 (typical). Die dimensions: 0.9 × 1.2 × 0.1 mm.

Operating frequency: Minimum: 1000; Maximum: 4000; Value: 1000–4000; Unit: MHz

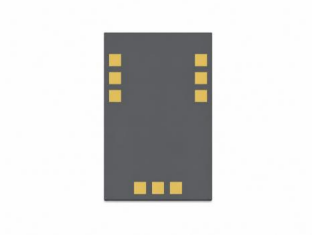
Isolation: Typical: 18; Unit: dB

Input VSWR: Typical: 1.4

Output VSWR: Typical: 1.4

TA = +25 °C

Product details Product datasheet



LCDIV-2000-6000-2WAY

2000–6000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.9 × 1.4 × 0.1 mm.

Operating frequency: Minimum: 2000; Maximum: 6000; Value: 2000–6000; Unit: MHz

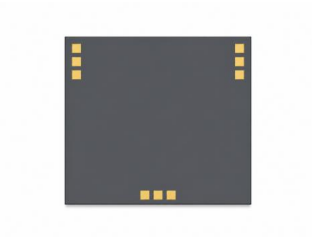
Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-2000-18000-2WAY-D-S2p12X1p9

2000–18000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.3 (typical). Die dimensions: 2.12 × 1.9 × 0.1 mm.

Operating frequency: Minimum: 2000; Maximum: 18000; Value: 2000–18000; Unit: MHz

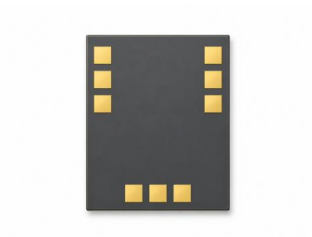
Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.3

TA = +25 °C

Product details Product datasheet



LCDIV-2700-3500-2WAY

2700–3500 MHz GaAs IPD 2-way 0° power divider die

Isolation: 30 dB (typical); Input VSWR: 1.1 (typical); Output VSWR: 1.1 (typical). Die dimensions: 0.9 × 1.1 × 0.1 mm.

Operating frequency: Minimum: 2700; Maximum: 3500; Value: 2700–3500; Unit: MHz

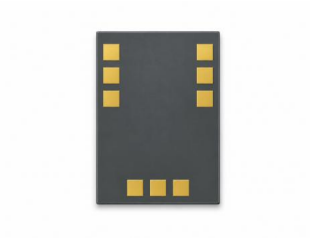
Isolation: Typical: 30; Unit: dB

Input VSWR: Typical: 1.1

Output VSWR: Typical: 1.1

TA = +25 °C

Product details Product datasheet



LCDIV-5000-7000-2WAY

5000–7000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 25 dB (typical); Input VSWR: 1.1 (typical); Output VSWR: 1.1 (typical). Die dimensions: 0.8 × 1.1 × 0.1 mm.

Operating frequency: Minimum: 5000; Maximum: 7000; Value: 5000–7000; Unit: MHz

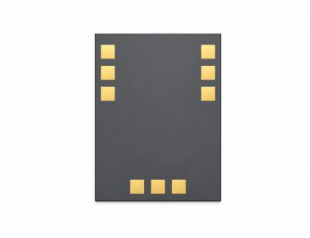
Isolation: Typical: 25; Unit: dB

Input VSWR: Typical: 1.1

Output VSWR: Typical: 1.1

TA = +25 °C

Product details Product datasheet



LCDIV-5000-13000-2WAY

5000–13000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 25 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.9 × 1.2 × 0.1 mm.

Operating frequency: Minimum: 5000; Maximum: 13000; Value: 5000–13000; Unit: MHz

Isolation: Typical: 25; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-6000-18000-2WAY

6000–18000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.8 × 1.3 × 0.1 mm.

Operating frequency: Minimum: 6000; Maximum: 18000; Value: 6000–18000; Unit: MHz

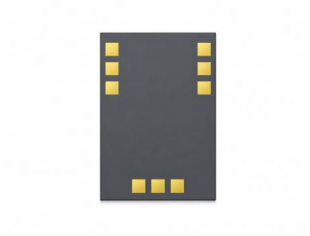
Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-7000-13000-2WAY

7000–13000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 25 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.9 × 1.3 × 0.1 mm.

Operating frequency: Minimum: 7000; Maximum: 13000; Value: 7000–13000; Unit: MHz

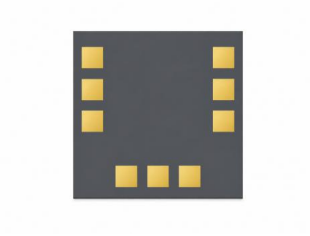
Isolation: Typical: 25; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-8000-12000-2WAY

8000–12000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.1 (typical). Die dimensions: 0.8 × 0.8 × 0.1 mm.

Operating frequency: Minimum: 8000; Maximum: 12000; Value: 8000–12000; Unit: MHz

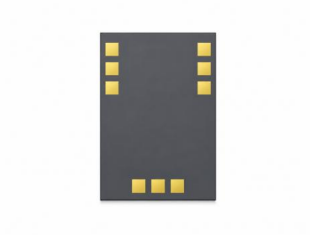
Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.1

TA = +25 °C

Product details Product datasheet



LCDIV-10000-20000-2WAY

10000–20000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 30 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.2 (typical). Die dimensions: 0.9 × 1.3 × 0.1 mm.

Operating frequency: Minimum: 10000; Maximum: 20000; Value: 10000–20000; Unit: MHz

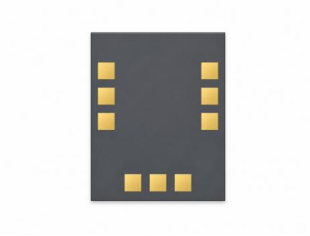
Isolation: Typical: 30; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet



LCDIV-12000-18000-2WAY

12000–18000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 25 dB (typical); Input VSWR: 1.2 (typical); Output VSWR: 1.1 (typical). Die dimensions: 0.8 × 1 × 0.1 mm.

Operating frequency: Minimum: 12000; Maximum: 18000; Value: 12000–18000; Unit: MHz

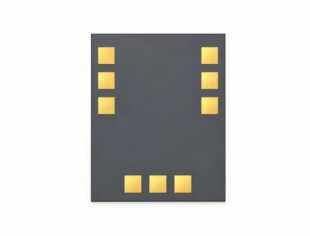
Isolation: Typical: 25; Unit: dB

Input VSWR: Typical: 1.2

Output VSWR: Typical: 1.1

TA = +25 °C

Product details Product datasheet



LCDIV-30000-40000-2WAY

30000–40000 MHz GaAs IPD 2-way 0° power divider die

Isolation: 20 dB (typical); Input VSWR: 1.3 (typical); Output VSWR: 1.3 (typical). Die dimensions: 0.8 × 1 × 0.1 mm.

Operating frequency: Minimum: 30000; Maximum: 40000; Value: 30000–40000; Unit: MHz

Isolation: Typical: 20; Unit: dB

Input VSWR: Typical: 1.3

Output VSWR: Typical: 1.3

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A0-S0p35X0p35

DC–30000 MHz 0 dB GaAs IPD fixed attenuator die

Attenuation: 0 dB; Input/output VSWR: 1.2 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 0; Unit: dB

Input/output VSWR: Value: 1.2

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A1-S0p35X0p35

DC–30000 MHz 1 dB GaAs IPD fixed attenuator die

Attenuation: 1 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 1; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A2-S0p35X0p35

DC–30000 MHz 2 dB GaAs IPD fixed attenuator die

Attenuation: 2 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.4 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 2; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.4; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A3-S0p35X0p35

DC–30000 MHz 3 dB GaAs IPD fixed attenuator die

Attenuation: 3 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.4 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 3; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.4; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A4

DC–30000 MHz 4 dB GaAs IPD fixed attenuator die

Attenuation: 4 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.4 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 4; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.4; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A8-S0p35X0p35

DC–30000 MHz 8 dB GaAs IPD fixed attenuator die

Attenuation: 8 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.3 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 8; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.3; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A16

DC–30000 MHz 16 dB GaAs IPD fixed attenuator die

Attenuation: 16 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.3 dB. Die dimensions: 0.35 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 16; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.3; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A0-S0p5X0p35

DC–30000 MHz 0 dB GaAs IPD fixed attenuator die

Attenuation: 0 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.6 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 0; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.6; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A1-S0p5X0p35

DC–30000 MHz 1 dB GaAs IPD fixed attenuator die

Attenuation: 1 dB; Input/output VSWR: 1.4 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 1; Unit: dB

Input/output VSWR: Value: 1.4

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A2-S0p5X0p35

DC–30000 MHz 2 dB GaAs IPD fixed attenuator die

Attenuation: 2 dB; Input/output VSWR: 1.35 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 2; Unit: dB

Input/output VSWR: Value: 1.35

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A3-S0p5X0p35

DC–30000 MHz 3 dB GaAs IPD fixed attenuator die

Attenuation: 3 dB; Input/output VSWR: 1.35 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 3; Unit: dB

Input/output VSWR: Value: 1.35

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A5

DC–30000 MHz 5 dB GaAs IPD fixed attenuator die

Attenuation: 5 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 5; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A6

DC–30000 MHz 6 dB GaAs IPD fixed attenuator die

Attenuation: 6 dB; Input/output VSWR: 1.35 ; Attenuation flatness: ±0.4 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 6; Unit: dB

Input/output VSWR: Value: 1.35

Attenuation flatness: Value: ±0.4; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A8-S0p5X0p35

DC–30000 MHz 8 dB GaAs IPD fixed attenuator die

Attenuation: 8 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.3 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

Attenuation: Value: 8; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.3; Unit: dB

TA = +25 °C

Product details Product datasheet



LCATT-DC-30000-A10

DC–30000 MHz 10 dB GaAs IPD fixed attenuator die

Attenuation: 10 dB; Input/output VSWR: 1.3 ; Attenuation flatness: ±0.5 dB. Die dimensions: 0.5 × 0.35 × 0.1 mm.

Operating frequency: Minimum: 0; Maximum: 30000; Value: DC–30000; Unit: MHz

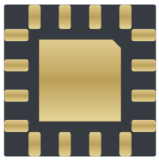
Attenuation: Value: 10; Unit: dB

Input/output VSWR: Value: 1.3

Attenuation flatness: Value: ±0.5; Unit: dB

TA = +25 °C

Product details Product datasheet



LCXOV-DC-40000-C

DC–40000 MHz Packaged RF Crossover — ISO 30 dB (typical)

DC–40000 MHz; Insertion loss -1.4 dB (typical); Isolation 30 dB (typical).

Operating frequency: Symbol: f; Minimum: DC; Maximum: 40000; Value: DC–40000; Unit: MHz

Insertion loss: Typical: -1.4; Unit: dB

Isolation: Typical: 30; Unit: dB

Input/output VSWR: Typical: 1.2

TA = +25 °C

Product details Product datasheet

Document notice

Specifications are subject to revision. Before design release, confirm the current document revision and product-specific requirements with LCRF. The approved quotation and order documentation define the supplied configuration.