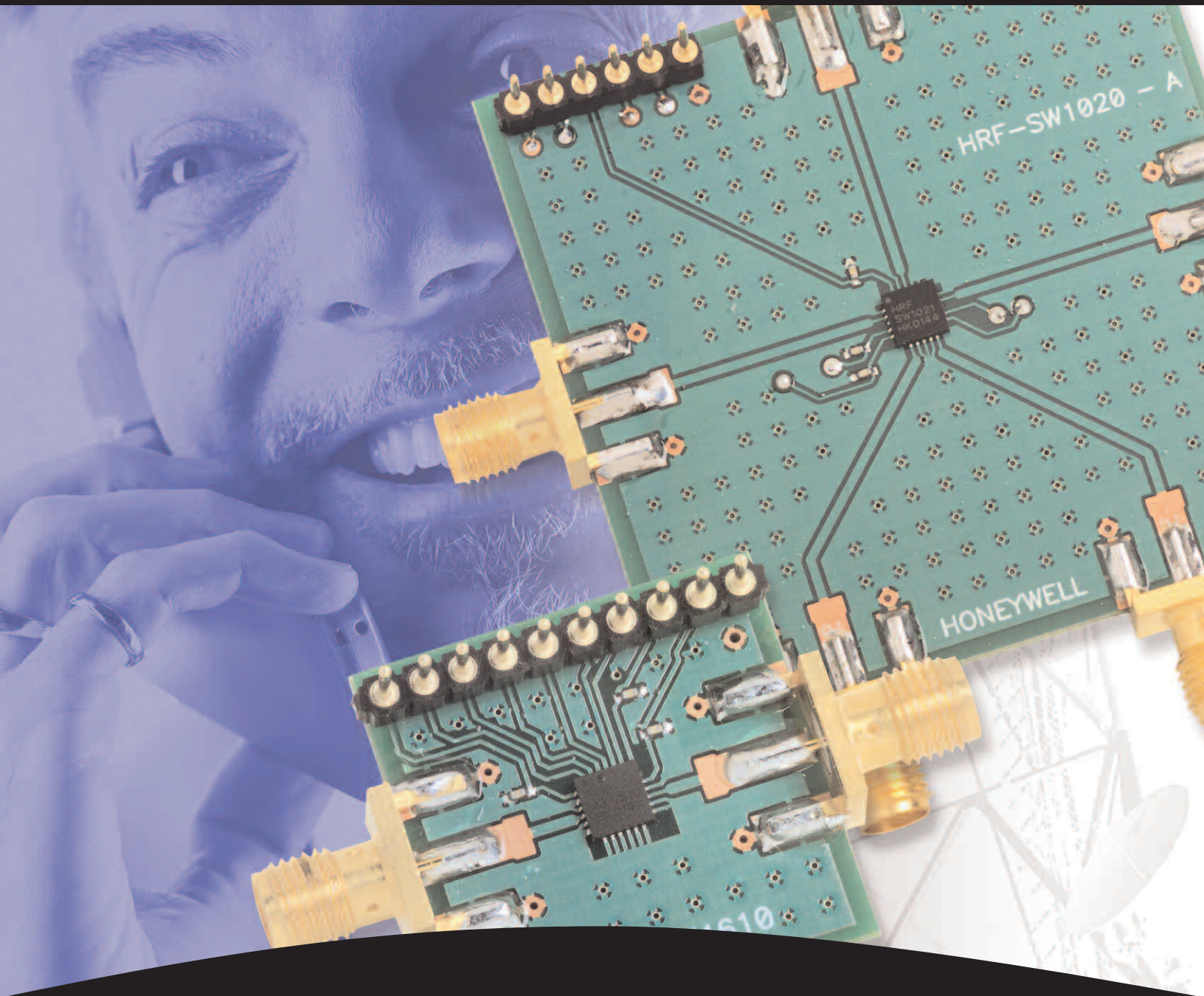


RF / Microwave Services



HIGH PERFORMANCE SOI RF SWITCHES
AND DIGITAL ATTENUATORS

Short-Form Product Catalog

Honeywell

RF / Microwave Services Short-Form Product Catalog

High Performance SOI CMOS RF Switches and Digital Attenuators

RF Switches

| Part # | Description | Insertion Loss (dB) | Isolation (dB) | 1db Comp. (dBm) | IIP3 (dBm) | Package | ROHS Compliant |
|------------|-------------------------------------|---------------------|----------------|-----------------|------------|-------------------|----------------|
| HRF-SW1000 | SPDT Absorptive RF Switch 0-4 GHz | 0.9 | 55 | 17 | 35 | 12 pin 3x3 mm QFN | Yes |
| HRF-SW1001 | SPDT Absorptive RF Switch 0-2.5 GHz | 0.8 | 55 | 15 | 33 | 12 pin 3x3 mm QFN | No |
| HRF-SW1020 | SP4T Absorptive RF Switch 0-2.5 GHz | 1.6 | 54 | 17 | 35 | 20 pin 4x4 mm QFN | Yes |
| HRF-SW1021 | SP4T Absorptive RF Switch 0-2.5 GHz | 1.1 | 54 | 15 | 33 | 20 pin 4x4 mm QFN | No |
| HRF-SW1030 | SP6T Absorptive RF Switch 0-2.5 GHz | 1.6 | 50 | 16 | 33 | 24 pin 4x4 mm QFN | Yes |
| HRF-SW1031 | SP6T Absorptive RF Switch 0-2.5 GHz | 1.2 | 50 | 14 | 31 | 24 pin 4x4 mm QFN | Yes |

Note: Insertion Loss and Isolation values are at 0.5 GHz

Digital Attenuators

| Part # | Description | Insertion Loss (dB) | 1db Comp. (dBm) | IIP3 (dBm) | Step Size | Package | ROHS Compliant |
|------------|---|---------------------|-----------------|------------|-----------|-------------------|----------------|
| HRF-AT4510 | 15.5 dB, 0-4 GHz, 5 Bit Parallel Digital Attenuator | 1.6 | 20 | 36 | 0.5 | 24 pin 4X4 mm QFN | No |
| HRF-AT4511 | 15.5 dB, 0-4 GHz, 5 Bit Serial Digital Attenuator | 1.7 | 20 | 36 | 0.5 | 16 pin 4X4 mm QFN | Yes |
| HRF-AT4520 | 31.0 dB, 0-4 GHz, 5 Bit Parallel Digital Attenuator | 2.5 | 24 | 38 | 1.0 | 24 pin 4X4 mm QFN | Yes |
| HRF-AT4521 | 31.0 dB, 0-2.5 GHz, 5 Bit Serial Digital Attenuator | 2.0 | 22 | 36 | 1.0 | 16 pin 4X4 mm QFN | Yes |
| HRF-AT4610 | 31.5 dB, 0-4 GHz, 6 Bit Parallel Digital Attenuator | 2.5 | 24 | 38 | 0.5 | 24 pin 4X4 mm QFN | Yes |
| HRF-AT4611 | 31.5 dB, 0-4 GHz, 6 Bit Serial Digital Attenuator | 2.5 | 24 | 38 | 0.5 | 16 pin 4X4 mm QFN | Yes |

Note: Insertion Loss is at 1.0 GHz

All products are delivered on tape and reel or cut tape, depending on quantity ordered. All products have supporting evaluation boards. To order samples, evaluation boards or volume parts, contact Richardson Electronics at www.rell.com, DigiKey at www.digikey.com or locate a Honeywell sales representative at www.honeywell.com/microwave.

Find Out More

To learn more about Honeywell's RF/Microwave products, visit www.honeywell.com/microwave.

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