



AG Series

Shortform Cross Reference Guide

The Communications Edge™

Product Information

Sirenza

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|----------|------------------------------|---------------------------------|
| NGA-186 | AG602-86 | |
| NGA-286 | AG602-86 | |
| NGA-386 | AG503-86 | |
| NGA-486 | AG602-86 | |
| NGA-489 | AM1 | |
| NGA-586 | AG604-86 | |
| NGA-589 | FH1 | |
| NGA-686 | AG602-86 | |
| NGA-689 | AM1 | |
| SGA-0163 | AG202-63 | |
| SGA-0363 | AG203-63 | |
| SGA-1163 | AG201-63 | |
| SGA-1263 | AG202-63 | |
| SGA-2163 | AG201-63 | |
| SGA-2186 | AG201-86 | |
| SGA-2263 | AG202-63 | |
| SGA-2286 | AG202-86 | |
| SGA-2363 | AG203-63 | |
| SGA-2386 | AG203-86 | |
| SGA-2463 | AG203-63 | |
| SGA-2486 | AG203-86 | |
| SGA-3263 | AG302-63 | |
| SGA-3286 | AG302-86 | |
| SGA-3363 | AG303-63 | |
| SGA-3386 | AG303-86 | |
| SGA-3463 | AG303-63 | |
| SGA-3486 | AG303-86 | |
| SGA-3563 | AG303-63 | |
| SGA-3586 | AG303-86 | |
| SGA-4163 | AG302-63 | |
| SGA-4186 | AG302-86 | |
| SGA-4263 | AG302-63 | AG402-86 |
| SGA-4286 | AG503-86 | |
| SGA-4363 | AG303-63 | AG403-86 |
| SGA-4386 | AG503-86 | |
| SGA-4463 | AG303-63 | AG403-86 |
| SGA-4486 | AG503-86 | |
| SGA-4563 | AG303-63 | AG403-86 |
| SGA-4586 | AG604-86 | |
| SGA-5263 | AG302-63 | AG402-86 |
| SGA-5286 | AG602-86 | |
| SGA-5289 | AG602-89 | |
| SGA-5386 | AG402-86 | |
| SGA-5389 | AG402-89 | |
| SGA-5486 | AG604-86 | |
| SGA-5489 | AG403-89 | |
| SGA-5586 | AG602-86 | |
| SGA-5589 | AG602-89 | |
| SGA-6286 | AG602-86 | |
| SGA-6289 | AG602-89 | |
| SGA-6386 | AG602-86 | |
| SGA-6389 | AG602-89 | |
| SGA-6486 | AG604-86 | |
| SGA-6489 | AG604-89 | |
| SGA-6586 | AG604-86 | |
| SGA-6589 | AG604-89 | |
| SGA-7489 | AG604-89 | |

Hittite

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|--------|------------------------------|---------------------------------|
| HMC313 | AG303-63 | |
| HMC314 | | AG503-89 |
| HMC315 | | AG603-89 |
| HMC323 | | AG402-89 |

Mini-Circuits

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|----------|------------------------------|---------------------------------|
| ERA-1 | AG302-86 | |
| ERA-1SM | AG302-86 | |
| ERA-2 | AG302-86 | |
| ERA-21SM | AG302-86 | |
| ERA-2SM | AG302-86 | |
| ERA-3 | AG303-86 | |
| ERA-33SM | AG503-86 | |
| ERA-3SM | AG303-86 | |
| ERA-4 | AG403-86 | |
| ERA-4SM | AG602-86 | |
| ERA-5 | AG602-86 | |
| ERA-50SM | AG403-86 | |
| ERA-51SM | AG603-86 | |
| ERA-5SM | AG403-86 | |
| ERA-6 | AG602-86 | |
| ERA-6SM | AG602-86 | |
| GALI-1 | AG402-89 | AG302-86 |
| GALI-19 | AG503-89 | AG302-86 |
| GALI-2 | AG402-89 | AG302-86 |
| GALI-21 | AG402-89 | AG302-86 |
| GALI-29 | AG503-89 | AG302-86 |
| GALI-3 | AG403-89 | AG303-86 |
| GALI-33 | AG503-89 | |
| GALI-39 | AG403-89 | AG303-86 |
| GALI-4 | AG602-89 | |
| GALI-49 | AG602-89 | |
| GALI-4F | AG402-89 | |
| GALI-5 | AG604-89 | |
| GALI-51 | AG603-89 | |
| GALI-51F | AG403-89 | |
| GALI-52 | AG403-89 | |
| GALI-55 | AG403-89 | |
| GALI-59 | AG604-89 | |
| GALI-5F | AG403-89 | |
| GALI-6 | AG602-89 | |
| GALI-6F | AG602-89 | |
| GALI-S66 | AG503-89 | AG203-86 |
| LEE-19 | | AG302-86 |
| LEE-29 | | AG302-86 |
| LEE-39 | | AG303-86 |
| LEE-49 | | AG402-89 |
| LEE-59 | | AG403-89 |
| MAR-1SM | AG202-86 | |
| MAR-2SM | AG201-86 | |
| MAR-3SM | AG302-86 | |
| MAR-4SM | AG302-86 | |
| MAR-6SM | AG202-86 | |
| MAR-7SM | AG202-86 | |
| MAR-8SM | AG303-86 | |
| MAV-11A | | AG602-89 |
| MAV-11SM | AG402-86 | |
| MNA-2 | | AG303-86 |
| MNA-3 | | AG203-86 |
| MNA-4 | | AG503-89 |
| MNA-5 | | AG203-86 |
| MNA-6 | | AG604-89 |
| MNA-7 | | AG503-89 |
| RAM-1 | AG202-86 | |
| RAM-2 | AG201-86 | |
| RAM-3 | AG302-86 | |
| RAM-4 | AG302-86 | |
| RAM-6 | AG202-86 | |
| RAM-7 | AG202-86 | |
| RAM-8 | AG303-86 | |
| VAM-3 | | AG302-86 |
| VAM-6 | | AG202-86 |
| VAM-7 | | AG202-86 |
| VAM-77 | | AG202-86 |
| VAM-93 | | AG303-86 |
| VNA-25 | | AM1 |

EiC

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|----------|------------------------------|---------------------------------|
| EC-1019B | AG604-89 | |
| EC-1019C | AG604-86 | |
| EC-1078B | AM1 | |
| EC-1078C | AG604-86 | |
| EC-1089B | AH1 | |
| EC-1119B | AM1 | |
| EC-1119C | AG603-86 | AM1 |
| ECG001B | AG403-89 | |
| ECG001C | AG303-86 | |
| ECG001F | AG303-63 | |
| ECG002B | AG403-89 | |
| ECG002C | AG503-86 | |
| ECG002F | AG303-63 | AG503-86 |
| ECG004B | AG503-89 | |
| ECG004C | AG503-86 | |
| ECG004F | AG302-63 | |
| ECG005B | AG604-89 | |
| ECG005C | AG604-86 | |
| ECG006B | AG402-89 | |
| ECG006C | AG402-86 | |
| ECG006F | AG302-63 | AG503-86 |
| ECG040B | AG603-89 | |
| ECG040C | AG603-86 | |
| ECG050B | AG604-89 | |
| ECG050C | AG604-86 | |
| ECG055B | AG604-89 | |
| ECG055C | AG604-86 | |

RFMD

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|---------|------------------------------|---------------------------------|
| NBB-300 | AG402-86 | |
| NBB-302 | | AG302-63 |
| NBB-310 | AG302-86 | |
| NBB-312 | | AG302-63 |
| NBB-400 | AG503-86 | |
| NBB-402 | | AG303-63 |
| NBB-500 | AG403-86 | |
| NBB-502 | AG303-86 | |
| NLB-300 | AG402-86 | |
| NLB-310 | AG402-86 | |
| NLB-400 | AG402-86 | |
| RF2043 | AG602-86 | |
| RF2044 | AG604-86 | |
| RF2045 | AG602-86 | |
| RF2046 | AG303-86 | |
| RF2047 | AG302-86 | |
| RF2048 | AG302-86 | |
| RF2127 | | AG604-89 |
| RF2128P | | AG303-63 |
| RF2314 | | AG202-63 |
| RF2324 | | AG403-89 |
| RF2325 | | AG202-63 |
| RF2333 | | AG602-89 |
| RF2334 | | AG604-89 |
| RF2335 | | AG602-89 |
| RF2336 | | AG303-63 |
| RF2337 | | AG302-63 |
| RF2338 | | AG302-63 |
| RF2361 | | AG403-89 |
| RF2362 | | AG303-63 |
| RF2367 | | AG303-63 |
| RF2442 | | AG303-63 |

Agilent

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|-----------|------------------------------|---------------------------------|
| INA52063 | | AG203-86 |
| MGA-52543 | | AG603-89 |
| MGA-81563 | AG302-63 | AM1 |
| MGA-82563 | AG302-63 | AM1 |
| MGA-83563 | | AG403-86 |

Infineon

| Device | Form-fit WJ Functional Cross | Functional WJ Cross (diff. Pkg) |
|------------|------------------------------|---------------------------------|
| BFS17S | AG302-63 | |
| CGY62E6327 | AG503-89 | AG503-89 |

Legend

The "Form-fit WJ Functional Cross" refers to the WJ Communications' device that is the closest equivalent to the competitive device in the same type of package. The WJ Cross may or may not be a drop-in replacement, as a different dropping resistor may be required for proper biasing.

The "Functional WJ Cross (diff. Pkg)" refers to the WJ device that is the closest equivalent to the competitive device in a different type of package. The WJ Cross may or may not be a drop-in replacement, as a different dropping resistor may be required for proper biasing.

If two devices are listed, then the "Functional WJ Cross - different package" cross is a closer functional cross to the competitive product.

WJ Applications Engineers are always available to assist with any of the information shown here or also to recommend a cross reference for any device not shown on this sheet.

applications.engineering@wj.com
408-577-6318