

# Product Application Selection Matrix

| Application                | Power Amplifier                                                                                                                   | Driver Amplifier | LNA/Mixer                                                                                                    | Modulator/ Upconverter                                                                                                        | Demodulator                          | IF/AGC                                                                                 | Transceiver                                                                                                          | VCO/ Buffer                                              |
|----------------------------|-----------------------------------------------------------------------------------------------------------------------------------|------------------|--------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------|
| <b>CDMA Cellular</b>       | RF2132<br>RF2137<br>RF2152<br>RF2162<br>RF2347                                                                                    | RF2303           | RF2302 RF2347<br>RF2363 RF2406<br>RF2442 RF2449<br>RF2456 RF2642<br>RF9906                                   | RF2608 RF2628<br>RF2658 RF9908<br>RF9958                                                                                      | RF2667<br>RF2711<br>RF9957           | RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629                               | NA                                                                                                                   | RF2301                                                   |
| <b>CDMA PCS</b>            | RF2125<br>RF2125P<br>RF2126<br>RF2127<br>RF2146<br>RF2153<br>RF2157<br>RF2324                                                     | RF2303           | RF2302 RF2363<br>RF2365 RF2442<br>RF2448 RF2445<br>RF9986                                                    | RF2638 RF2658<br>RF9938 RF9958                                                                                                | RF2667<br>RF2711<br>RF9957           | RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629                               | NA                                                                                                                   | RF2301                                                   |
| <b>WCDMA</b>               | RF2161                                                                                                                            | RF2303<br>RF2362 | RF2463                                                                                                       | RF2668                                                                                                                        | RF2667<br>RF9957                     | RF2667<br>RF2668<br>RF9957                                                             |                                                                                                                      |                                                          |
| <b>AMPS</b>                | RF2131<br>RF2137<br>RF2152<br>RF2119                                                                                              |                  | RF2302 RF2363<br>RF2406 RF2411<br>RF2418 RF2442<br>RF2456                                                    | RF2608 RF2628<br>RF2658 RF9958                                                                                                | NA                                   | NA                                                                                     | NA                                                                                                                   | RF2301                                                   |
| <b>DCS1800<br/>DCS1900</b> | RF2126<br>RF2140<br>RF2145<br>RF2174                                                                                              |                  | RF2302 RF2363<br>RF2365 RF2431<br>RF2442 RF2445<br>RF9936                                                    | RF2638 RF2639<br>RF2658 RF9938<br>RF9958                                                                                      | RF2667<br>RF2711<br>RF9957           |                                                                                        | NA                                                                                                                   | RF2301                                                   |
| <b>GSM</b>                 | RF2119<br>RF2138<br>RF2173                                                                                                        |                  | RF2302 RF2363<br>RF2406 RF2411<br>RF2418 RF2442                                                              | RF2402 RF2608<br>RF2628 RF2658<br>RF9958                                                                                      | RF2667<br>RF2711<br>RF9957           |                                                                                        | NA                                                                                                                   | RF2301<br>RF2504                                         |
| <b>ISM<br/>433MHz</b>      | RF2103P<br>RF2104<br>RF2105L<br>RF2114<br>RF2115L<br>RF2312<br>RF2317                                                             |                  | RF2301 RF2302<br>RF2304 RF2401<br>RF2418                                                                     | RF2412 RF2413<br>RF2454 RF2464                                                                                                | RF2667<br>RF2711<br>RF2903<br>RF9957 | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629<br>RF2670 | RF2510<br>RF2512<br>RF2513<br>RF2516<br>RF2905<br>RF2907<br>RF2915<br>RF2917<br>RF2919<br>RF2925<br>RF2926<br>RF2945 | RF2301<br>RF2510<br>RF2512<br>RF2513<br>RF2516           |
| <b>ISM<br/>868/915MHz</b>  | RF2103P<br>RF2104<br>RF2105L<br>RF2115L<br>RF2119<br>RF2131<br>RF2132<br>RF2137<br>RF2152<br>RF2155<br>RF2172<br>RF2312<br>RF2317 |                  | RF2301 RF2302<br>RF2304 RF2314<br>RF2401 RF2406<br>RF2411 RF2418<br>RF2442 RF2456<br>RF2457 RF9936<br>RF9986 | RF2402 RF2412<br>RF2413 RF2423<br>RF2608 RF2628<br>RF2638 RF2639<br>RF2658 RF2909<br>RF9908 RF9958                            | RF2667<br>RF2711<br>RF9957           | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629<br>RF2670 | RF2510<br>RF2512<br>RF2513<br>RF2905<br>RF2907<br>RF2908<br>RF2915<br>RF2917<br>RF2919<br>RF2925<br>RF2926<br>RF2945 | RF2301<br>RF2504<br>RF2510<br>RF2512<br>RF2513<br>RF2516 |
| <b>ISM<br/>2.4GHz</b>      | RF2126<br>RF2128<br>RF2129<br>RF2189                                                                                              |                  | RF2301 RF2302<br>RF2304 RF2431<br>RF2442 RF9936<br>RF9986                                                    | RF2402 RF2412<br>RF2413 RF2422<br>RF2423 RF2454<br>RF2464 RF2608<br>RF2628 RF2638<br>RF2639 RF2658<br>RF2909 RF9908<br>RF9958 | RF2667<br>RF2711<br>RF2903<br>RF9957 | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629<br>RF2670 | RF2938                                                                                                               | RF2301<br>RF2510                                         |

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| Application             | Power Amplifier                                   | Driver Amplifier | LNA/Mixer                                                 | Modulator/ Upconverter                                                     | Demodulator                | IF/AGC                                                                       | Transceiver | VCO/ Buffer      |
|-------------------------|---------------------------------------------------|------------------|-----------------------------------------------------------|----------------------------------------------------------------------------|----------------------------|------------------------------------------------------------------------------|-------------|------------------|
| <b>TDMA Cellular</b>    | RF2132<br>RF2137<br>RF2152<br>RF2162<br>RF2347    |                  | RF2302 RF2347<br>RF2406 RF2411<br>RF2442 RF9906           | RF2402 RF2412<br>RF2413 RF2640<br>RF2658 RF9908<br>RF9958                  | RF2667<br>RF2711<br>RF9957 | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629 | NA          | RF2301           |
| <b>TDMA PCS</b>         | RF2126<br>RF2127<br>RF2146<br>RF2153<br>RF2324    |                  | RF2302 RF2431<br>RF2442 RF2445<br>RF9936 RF9986           | RF2422 RF2638<br>RF2639 RF2658<br>RF9938 RF9958                            | RF2667<br>RF2711<br>RF9957 | RF2410<br>RF2420                                                             | NA          | RF2301           |
| <b>Cable Modem</b>      | RF2312<br>RF2317                                  |                  | RF2302 RF2406<br>RF2411                                   |                                                                            | RF2711                     | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629 | -           | RF2301<br>RF2504 |
| <b>Cable TV</b>         | RF2312<br>RF2317<br>RF2320<br>RF2360              |                  | NA                                                        | NA                                                                         | NA                         | NA                                                                           | NA          | NA               |
| <b>Industrial Radio</b> | RF2103P<br>RF2104<br>RF2105L<br>RF2114<br>RF2115L |                  | RF2302 RF2401<br>RF2406 RF2411<br>RF2418 RF2442<br>RF2456 | RF2412 RF2413<br>RF2454 RF2464<br>RF2608 RF2628<br>RF2658 RF9908<br>RF9958 | RF2667<br>RF2711<br>RF9957 | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629 | -           | RF2301<br>RF2504 |
| <b>Two-Way Paging</b>   | RF2119                                            |                  | RF2401 RF2411<br>RF2418                                   | NA                                                                         | NA                         | -                                                                            | -           | RF2301<br>RF2504 |
| <b>TETRA</b>            | RF2114<br>RF2132<br>RF2137                        |                  | RF2302 RF2401<br>RF2406 RF2418<br>RF2442 RF2456           | RF2464<br>RF2658<br>RF9958                                                 | RF2667<br>RF2711<br>RF9957 | RF2410<br>RF2420<br>RF2607<br>RF2609<br>RF2617<br>RF2619<br>RF2627<br>RF2629 | NA          | RF2301           |
| <b>DECT</b>             | RF2145                                            |                  | RF2302 RF2431<br>RF2442 RF2445<br>RF9986                  |                                                                            | RF2667<br>RF2711<br>RF9957 |                                                                              | NA          | RF2301           |