

32-BIT MCU RENESAS RA FAMILY

NOMENCLATURE

FEBRUARY 2026, VERSION 2.25

EMBEDDED PROCESSING MARKETING DIVISION
EMBEDDED PROCESSING PRODUCT GROUP
RENESAS ELECTRONICS CORPORATION



NOMENCLATURE OVERVIEW

- **Family Name:** RA - Renesas Advanced

- ✓ 32-bit Microcontroller with Arm Cortex-M Cores



- **Series Name:** (RA + 1 digit)

- ✓ Examples:

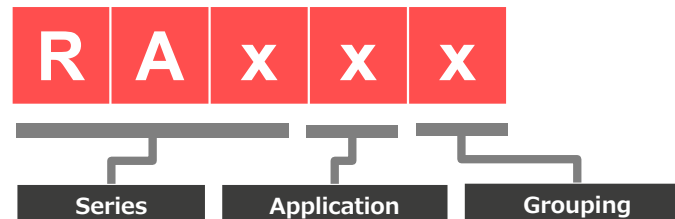
- RA2 Series
- RA4 Series



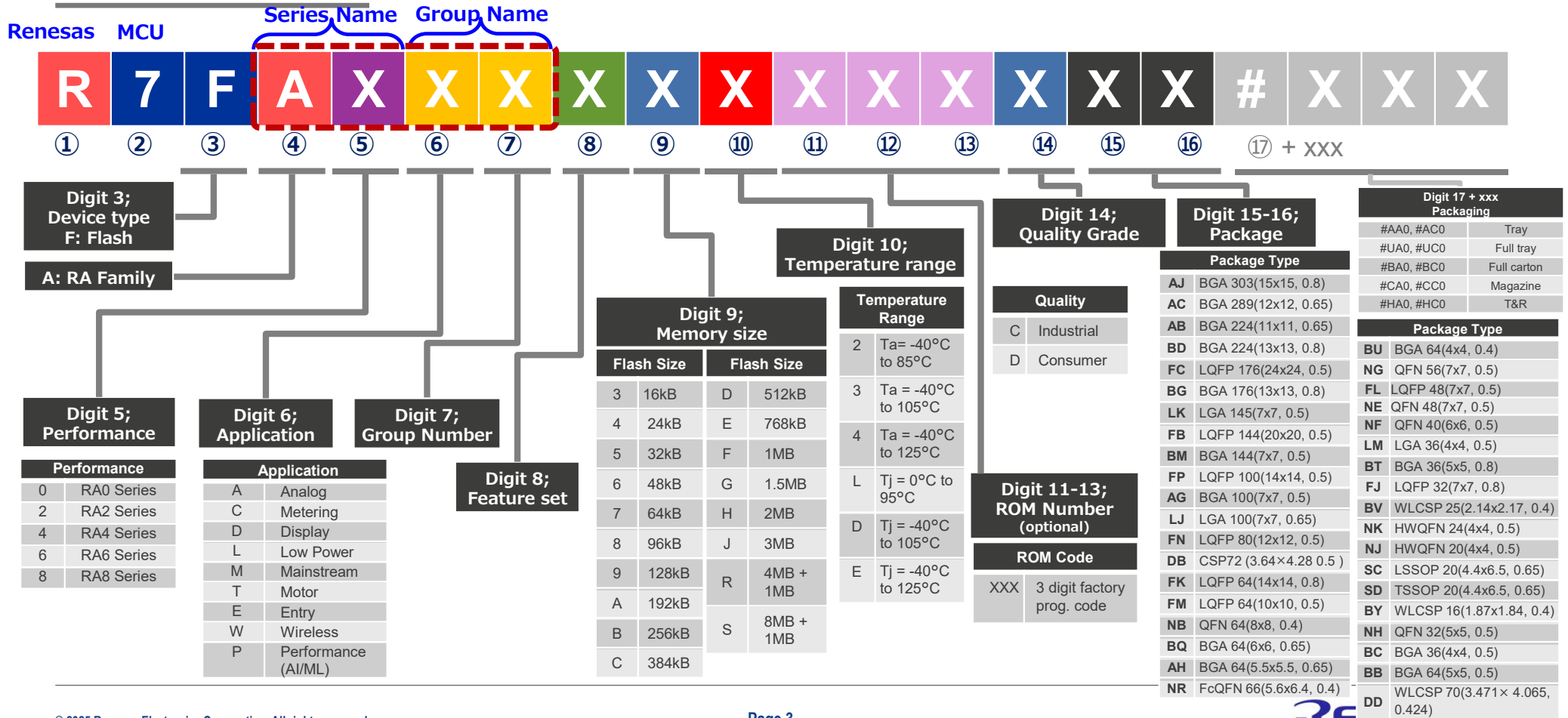
- **Group Name:** (RA + 3 digits)

- ✓ Examples:

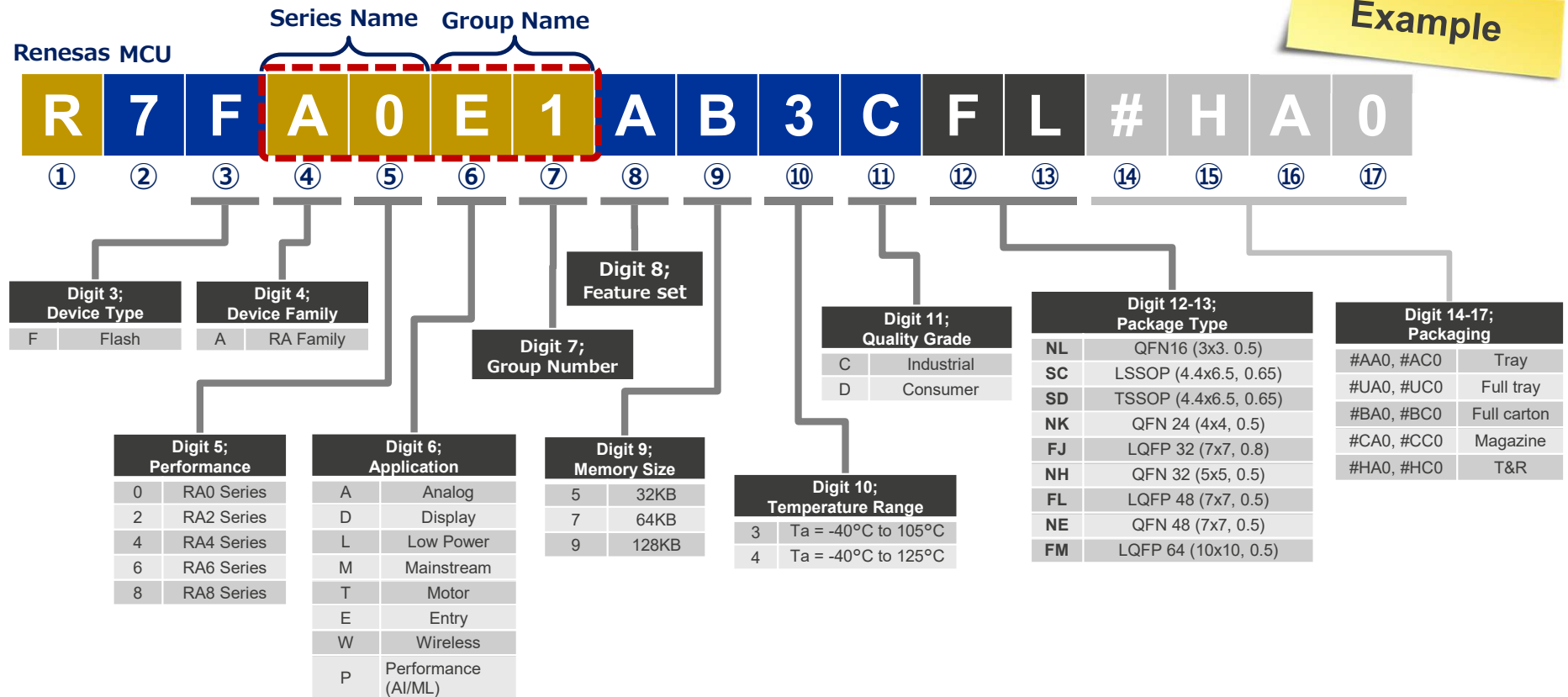
- RA2A1 Group
- RA6M1 Group



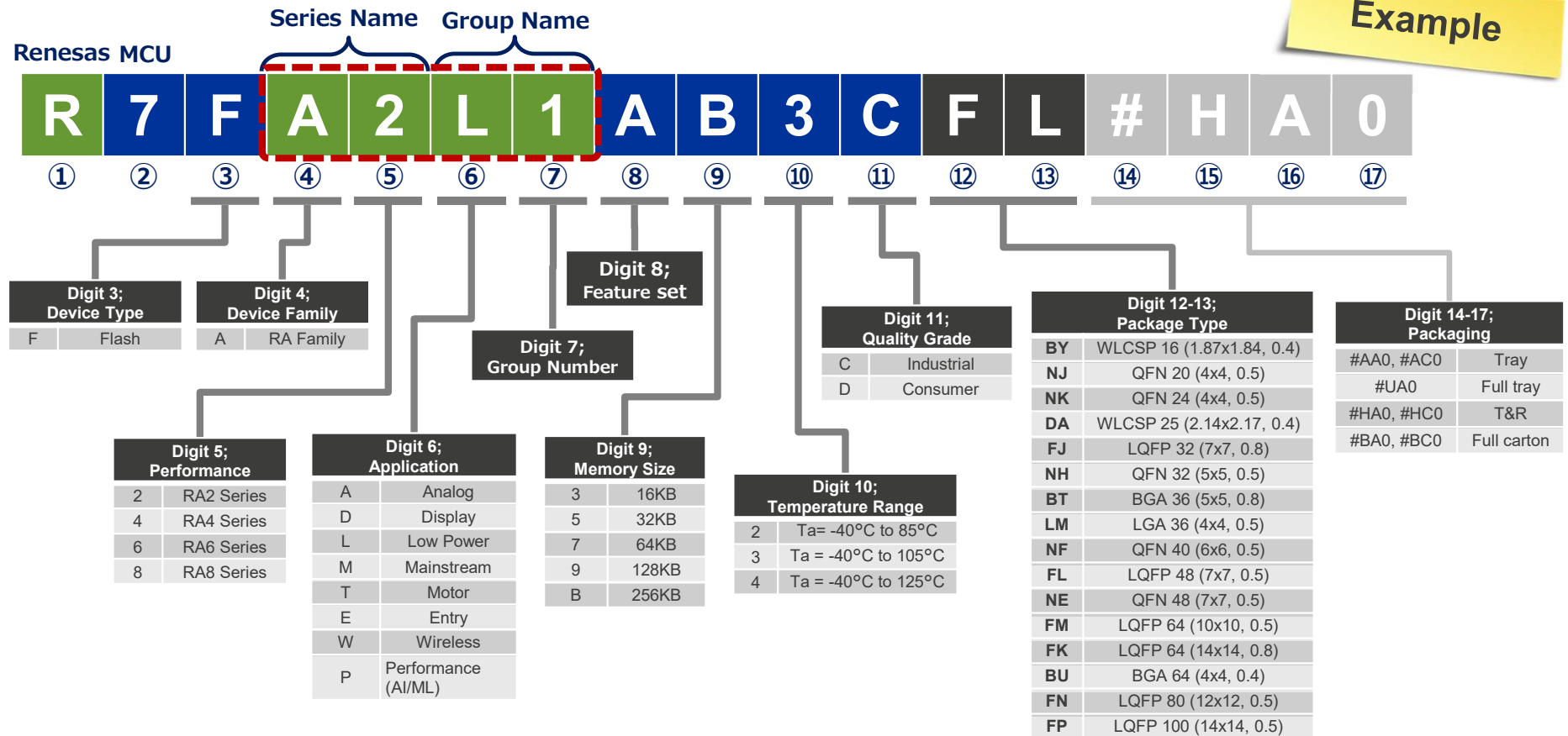
RENESAS RA FAMILY PART NUMBER STRUCTURE



RENESAS RA0 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

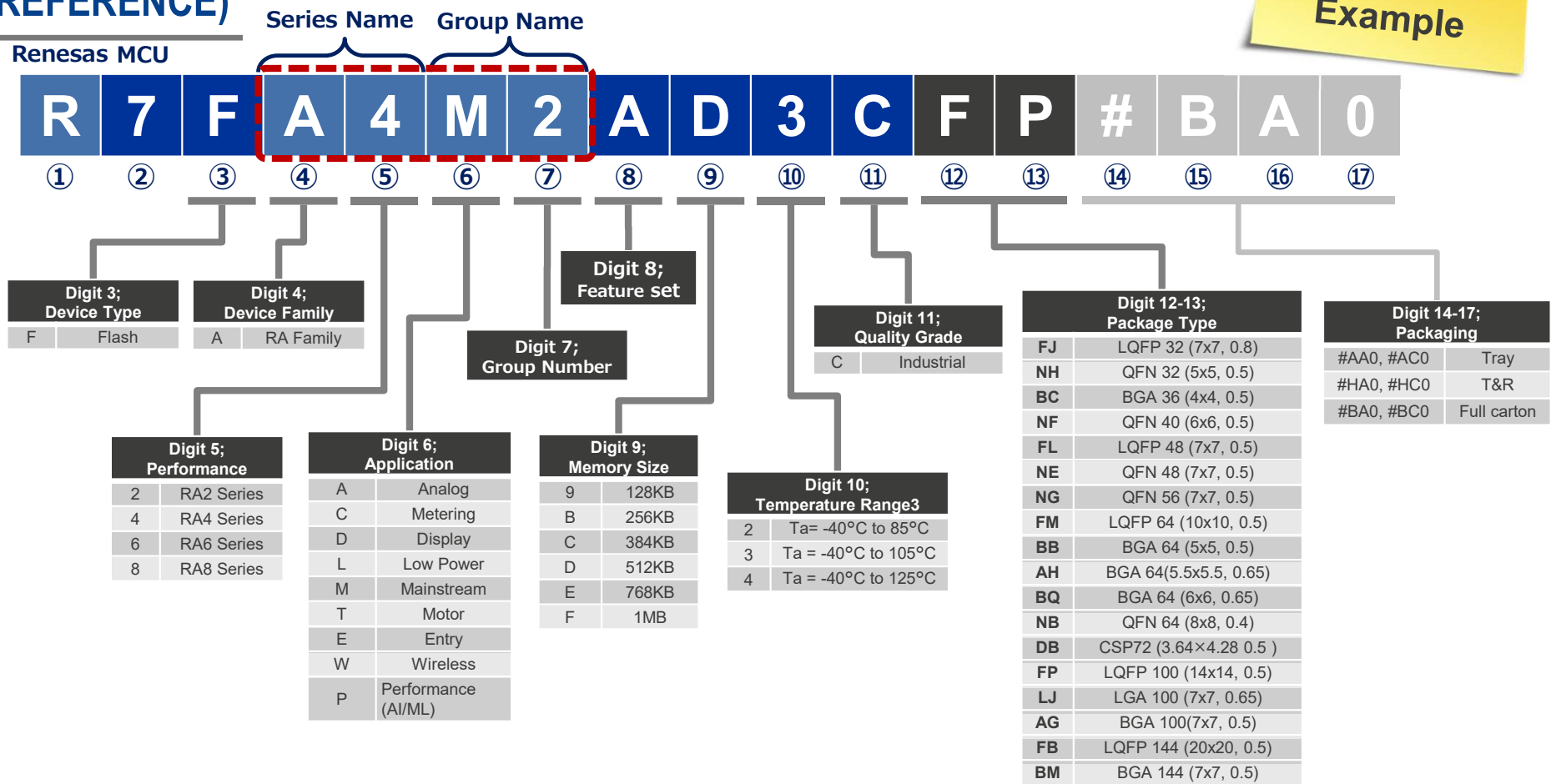


RENESAS RA2 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

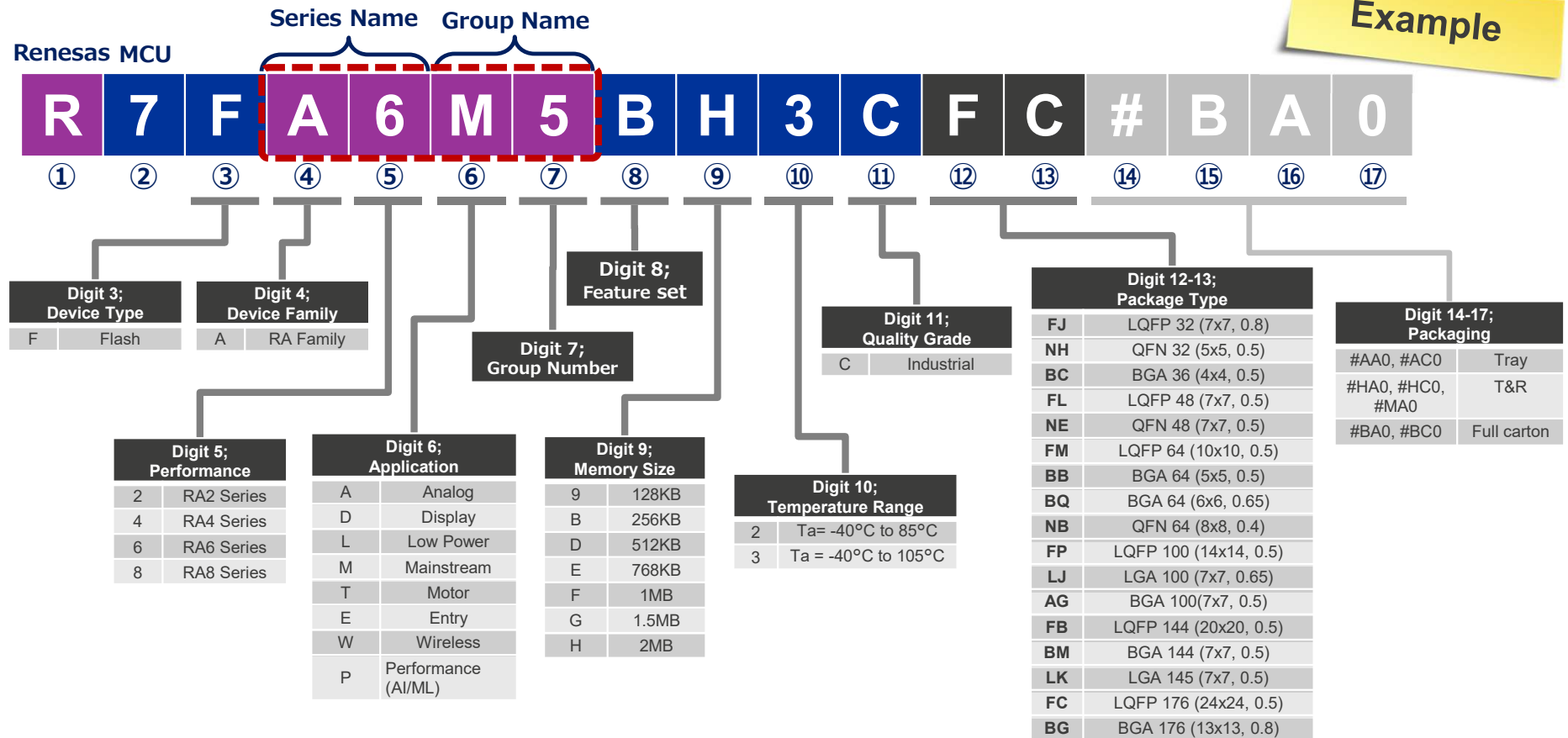


RENASAS RA4 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

Example



RENESAS RA6 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)



RENASAS RA8 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

