

# 32-BIT MCU RENESAS RA FAMILY

## NOMENCLATURE

OCTOBER 2025, VERSION 2.24

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



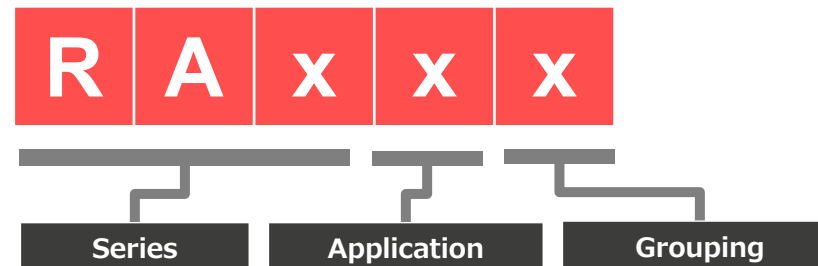
- **Series Name:** (RA + 1 digit)

- ✓ Examples:
  - RA2 Series
  - RA4 Series

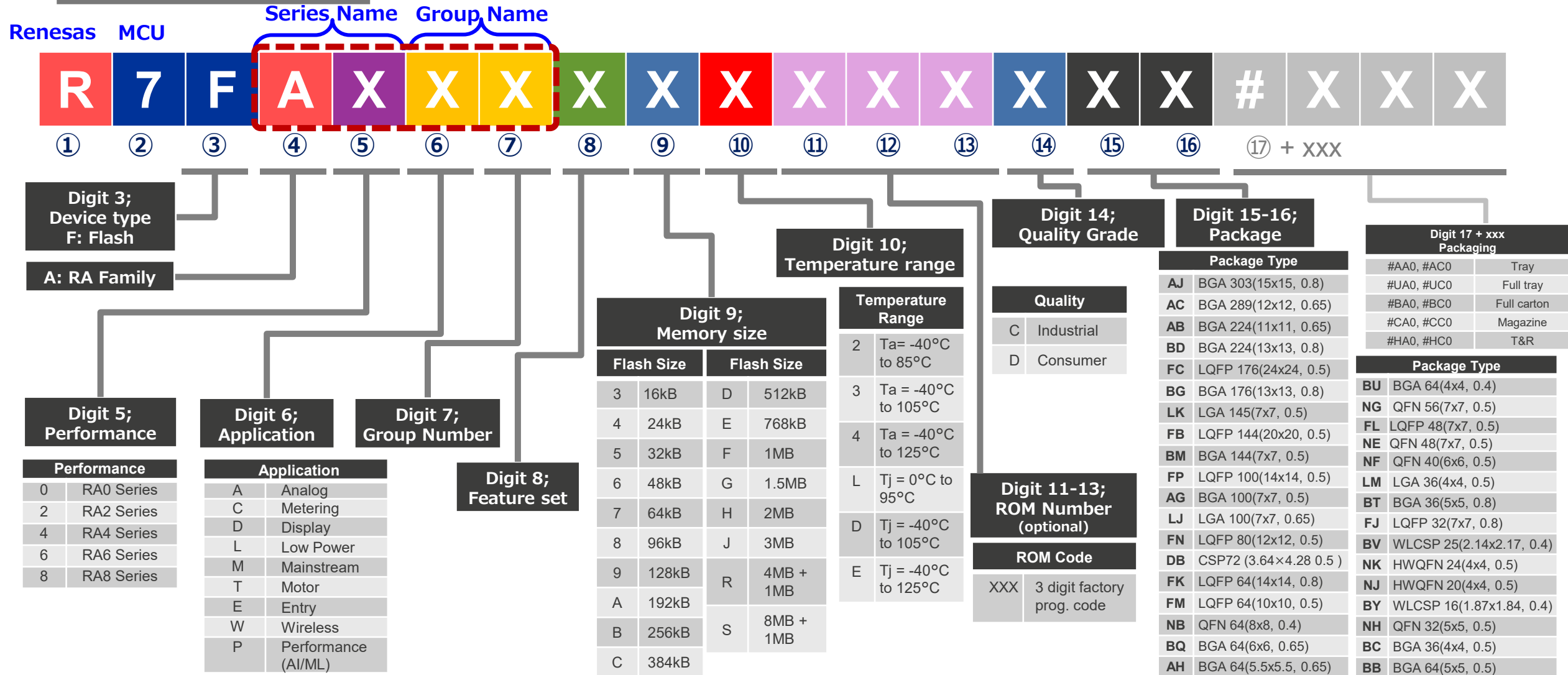


- **Group Name:** (RA + 3 digits)

- ✓ Examples:
  - RA2A1 Group
  - RA6M1 Group

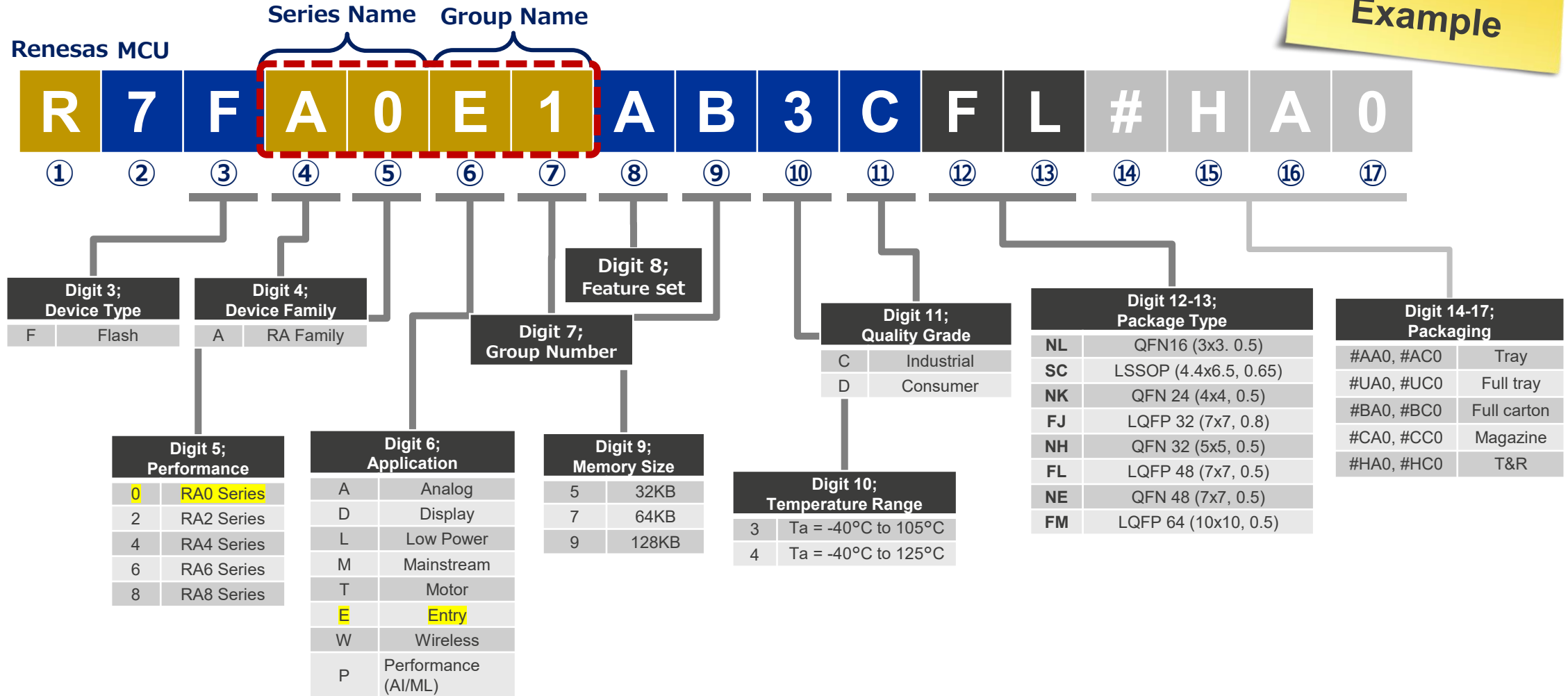


# RENESAS RA FAMILY PART NUMBER STRUCTURE



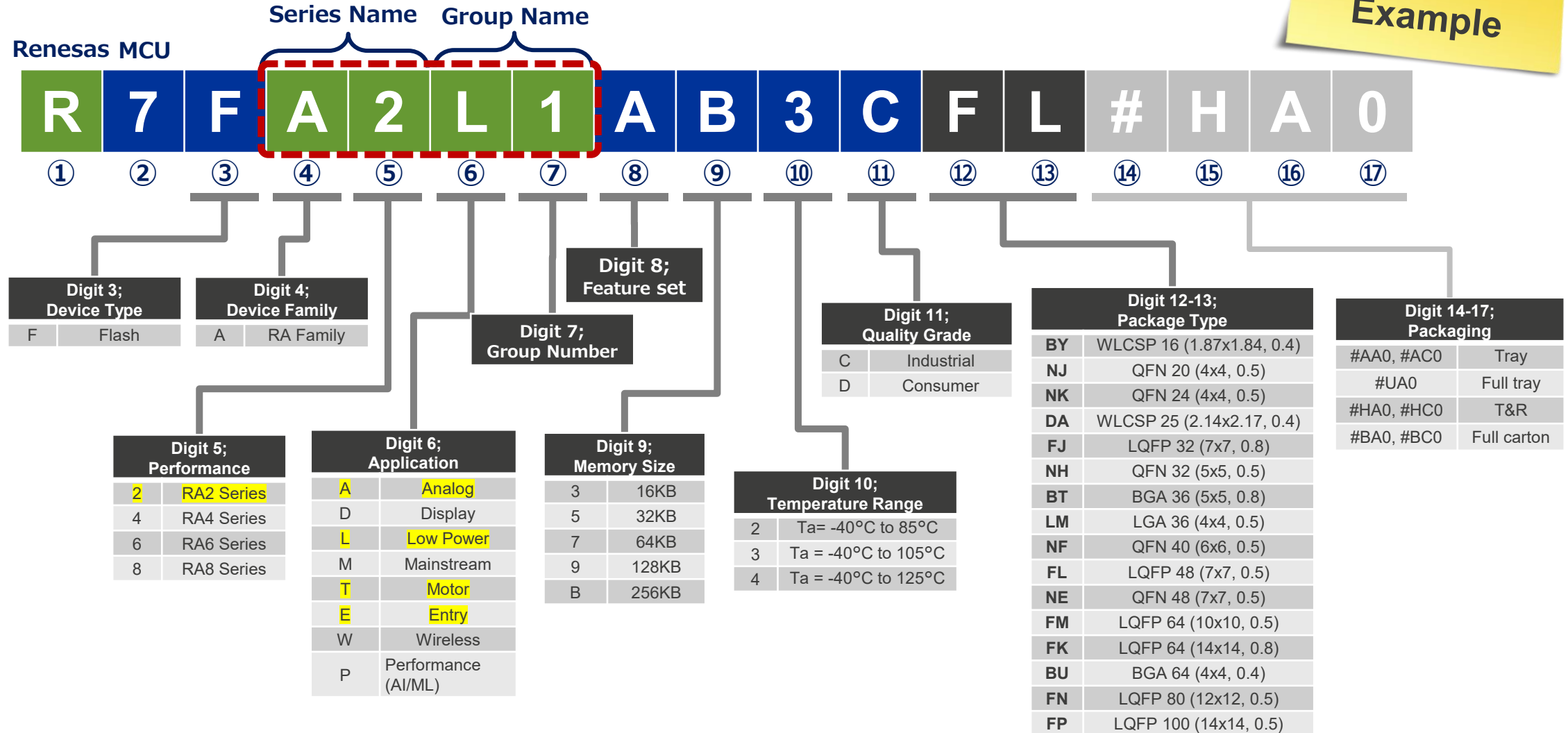
# RENESAS RA0 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

**Example**



# RENESAS RA2 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

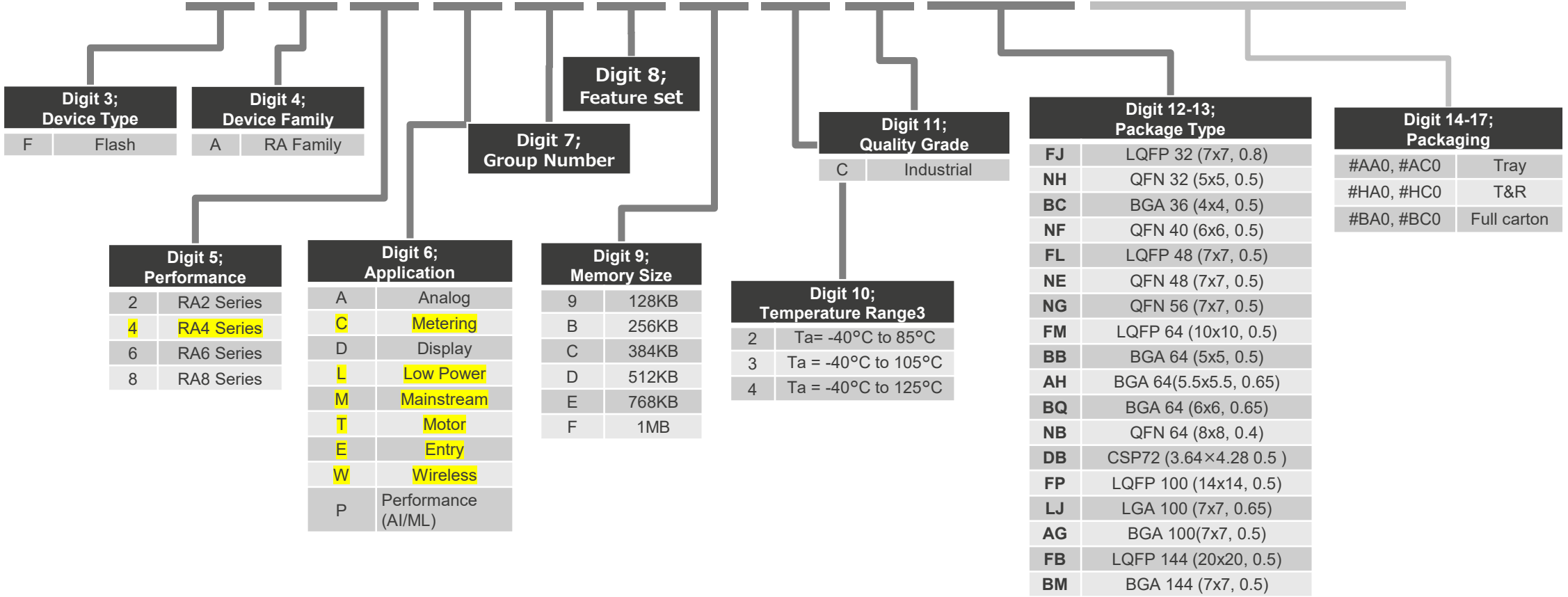
**Example**



# RENESAS RA4 SERIES PART NUMBER EXAMPLES

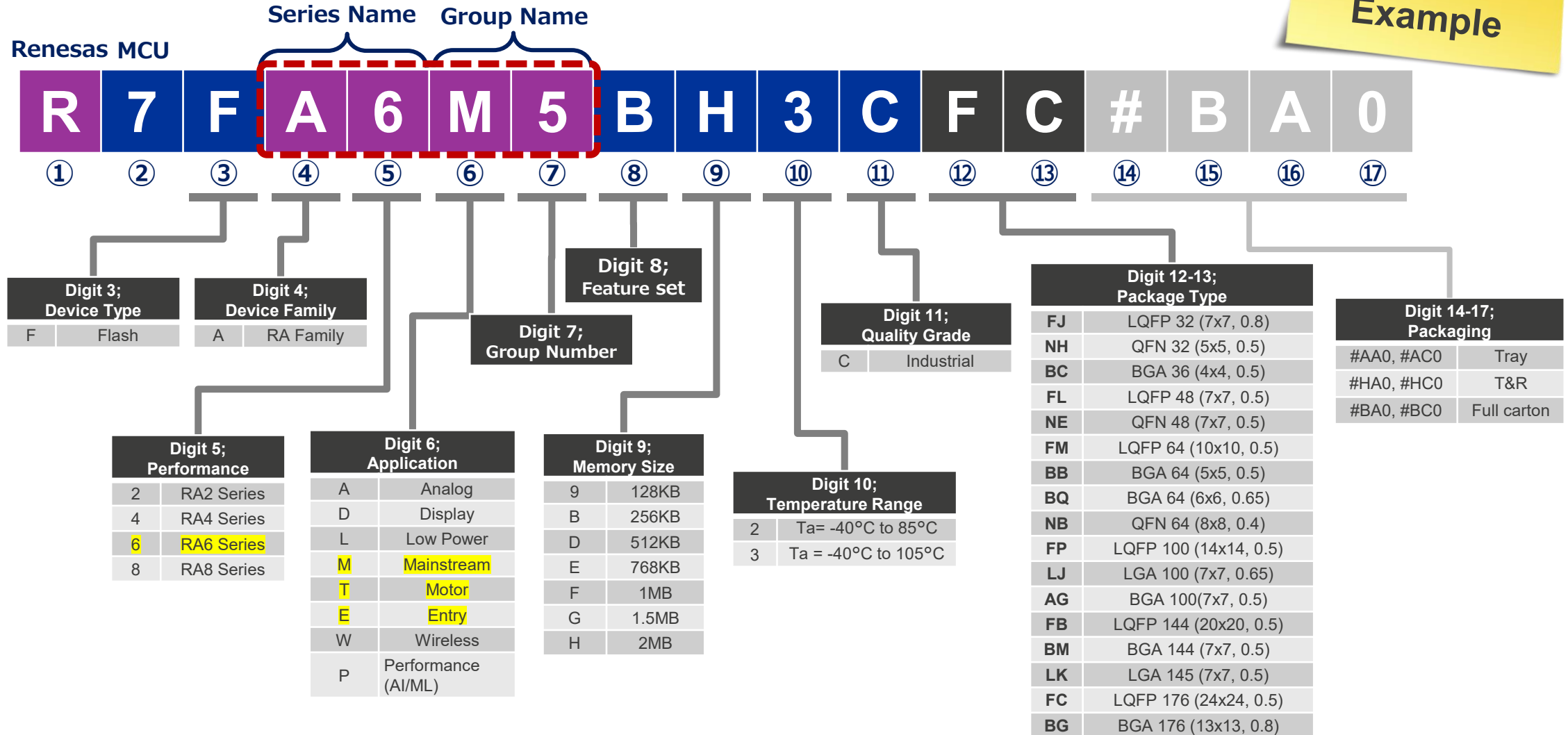
(FOR REFERENCE)

Example



# RENESAS RA6 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

**Example**



# RENESAS RA8 SERIES PART NUMBER EXAMPLES (FOR REFERENCE)

Example

