

DEVELOPMENT HARDWARE & SOLUTION KITS

An extensive ecosystem for RL78, including training, free evaluation boards (Renesas Promotion Boards), low-cost starter kits and multiple application notes, aid the embedded system designer to develop the world's lowest power designs.

CPU/Target Board



Promotion Board



Solution Kit



| RL78/xxxx | CPU Board | Promotion Boards | Starter Kits | Development Kits | Solutions Kit |
|---------------|--|------------------|--------------------|------------------|--|
| G10 | QB-RSF10Y16-TB RTE510Y470TGB00000R | — | — | — | — |
| G11 | YQB-RSF10Y7A-TB | ★ | — | — | — |
| G12 | QB-RSF10Z6A-TB | — | — | — | — |
| G13 | QB-RSF100LE-TB QB-RSF100SL-TB | YRPBRL78G13 | YR0K50100LS000BE | YR0KRL78G13 | — |
| G14 | QB-RSF10ALE-TB QB-RSF104PJ-TB FB-RSF104PL-TB ¹⁾ | YRPBRL78G14 | YR0K50104PS000BE | YR0KRL78G14 | YR0MCKITRL78G14 (Motor control) |
| G1A | QB-RSF10ELE-TB | — | — | — | — |
| G1C | QB-RSF10JGC-TB | — | YR0K5010JGS000BE | — | R0K578G1CD010BR (USB charger) |
| G1D | RTK0EN001D010001BZ (Evaluation Kit) | — | — | — | YRL1D-BLE-SOL |
| G1D Module | RM-1110-RFB-2 ²⁾ (Evaluation Board) | — | — | — | — |
| G1E | QB-RSF10FME-TB | — | — | — | — |
| G1F | YQB-RSF11BLE-TB | ★ | — | — | RTK0EML240C03000BJ (Motor CPU Card) ★ |
| G1G | YQB-RSF11FA-TB | — | YR0K5011EFS000BE | — | — |
| G1H | YTK-RLG1H-SB2 ²⁾ (Evaluation Kit) | — | — | — | — |
| L12 | QB-RSF10RLC-TB | ★ YRPBRL78L12 | ★ YR0K5010RLS000BE | ★ | — |
| L13 | QB-RSF10WMG-TB | — | YR0K5010VMS000BE | — | — |
| L1A | — | YRPBRL78L1A | — | — | — |
| L1C | QB-RSF110PJ-TB | — | YR0K50110PS000BE | — | R0K578L1CD000BR (HMI) |
| I1A | QB-RSF107DE-TB | — | — | — | Y-RL78-DCDC-LED (LED) |
| I1B | RTE510MPG0TGB00000R | — | — | — | — |
| I1C | — | — | — | — | — |
| I1D | RTE5117GC0TGB00000R | — | — | — | YDETECT-IT-RL78 (Detector) |
| I1E | FB-RSF11CCC-TB ¹⁾ | — | — | — | FB-RSF11CCC-LC ¹⁾ |
| F12 | QB-RSF109GE-TB | — | — | — | — |
| F13 | QB-RSF10BMG-TB | — | — | — | — |
| F14 | QB-RSF10PPJ-TB | — | — | YR0KRL78F14 | — |
| F15 | — | — | — | — | — |

Starter Kit



Development Kit



Notes: 1) Products of Naito Densetsu Machida Mfg. 2) Product of Tessera Technology Inc. (P/N: TK-RLG1H-SB2)