



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



Contact us

Tel: +86-755-8981 8866 Fax: +86-755-8427 6832

Email & Skype: info@chipsmall.com Web: www.chipsmall.com

Address: A1208, Overseas Decoration Building, #122 Zhenhua RD., Futian, Shenzhen, China



Bluetooth® Smart typeZF/ZY Development Environment Overview

Embedded System Development Sec.
Module Business Unit



TypeZF/ZY Design Kit contents



Hardware contents

- Mother board
- Type ZF or ZY daughter board
- J-Link debugging adapter

Software contents

- Software on download-link
- Keil™ tools, with DA14580 peripherals
- Sample application/Profile source code
- OTP programming utility
- Power consumption profiling tool
- Documentation

Segger J-link Lite for ARM



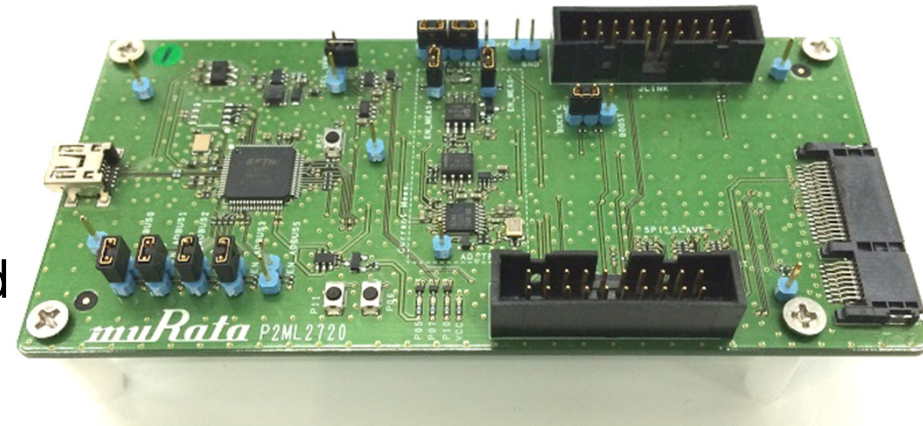
Design Kit Motherboard

Daughterboard with
TypeZF or ZY mounted

Design Kit Motherboard



- JTAG interface for programming and debugging
- Interface to the TypeZF/ZY Daughter board
- OTP supply voltage generator (6V8)
- Mother board is powered through the USB interface.
- 2 LEDs and 2 pushbuttons for application development
- USB to serial port converter (UART for debugging and/or external host application interface. SPI for current consumption evaluation using SmartSnippets).
- Current evaluation A/D conversion circuitry
- All I/Os are exposed onto 2.54mm pin headers for easy prototyping



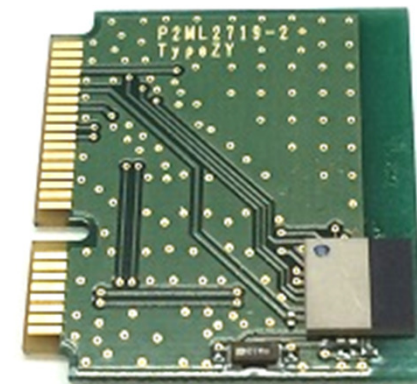
Design Kit Daughterboard



- Stand-alone implementation of TypeZF or ZY (except for power source)
- Two variants available: TypeZF and TypeZY
- All I/Os are brought to the card edge connectors (interface to motherboard)



TypeZF variant



TypeZY variant