

E3 Embedded Systems

Product Compatibility (PIEP Standard / PIEP Mini)

Date – 11/1/2018



Product	SKU	Product Category	Revision	PIEP Standard Compatible	PIEP Mini Compatible	Koliada Example Code Written
PIEP Standard 4X4 Motherboard	144-001	Motherboard	D	Yes	No	
PIEP Mini Processor/Radio Board	212-001	Processor Boards	B	No	Yes	Yes
Freescale MC9S12XDP512 Processor Board	242-001	Processor Boards	B	Yes	No	
Atmel ARM Processor Board	242-002	Processor Boards	B	Yes	No	
Microchip PIC Processor Board	242-003	Processor Boards	A	Yes	No	
TI Cortex M4 ARM Processor Board	242-004	Processor Boards	C	Yes	No	
Relay Board	311-001	Peripheral Boards	B	Yes	Yes	
Terminal Board	311-002	Peripheral Boards	A	Yes	Yes	Yes
Switch / LED Board	311-003	Peripheral Boards	B	Yes	Yes	Yes
Thermocouple Board	311-004	Peripheral Boards	A	Yes	Yes	Yes
SPI to SCI Board	311-005	Peripheral Boards	D	Yes	Yes	
Digital Port Expander Board	311-006	Peripheral Boards	B	Yes	Yes	
Breakout Board	311-007	Peripheral Boards	B	Yes	Yes	Yes
Temperature / Relative Humidity Board	311-008	Peripheral Boards	A	Yes	Yes	
Digital to Analog (DAC) Board	311-009	Peripheral Boards	B	Yes	Yes	
Buzzer Board	311-011	Peripheral Boards	A	Yes	Yes	
3 Digit LED Numeric Display Board	311-012	Peripheral Boards	A	Yes	Yes	
Motion Sensor Board	311-013	Peripheral Boards	A	Yes	Yes	Yes
CAN Transceiver Board	311-014	Peripheral Boards	C	Yes	Yes*	
EEPROM Board	311-015	Peripheral Boards	A	Yes	Yes	
Real Time Date Clock Board	311-016	Peripheral Boards	B	Yes	Yes	
SCI to RS232 Board	311-017	Peripheral Boards	B	Yes	Yes	
SCI to USB Board	311-018	Peripheral Boards	C	Yes	Yes	
Ethernet Board	311-020	Peripheral Boards	B	Yes	Yes	
High-Side Current Monitor Board	311-023	Peripheral Boards	A	Yes	Yes	
Temp/Pressure/Relative Humidity Board	311-024	Peripheral Boards	A	Yes	Yes	Yes
Accelerometer Board (16G)	311-025	Peripheral Boards	B	Yes	Yes	Yes
Port Expander Board	311-027	Peripheral Boards	A	Yes	Yes	
USB with Loader Board	311-028	Peripheral Boards	B	Yes*	Yes	Yes
Battery Board	311-029	Peripheral Boards	C	No	Yes	
H-Bridge Board	313-001	Peripheral Boards	B	Yes	No**	
Arduino Shield Adapter	333-001	Peripheral Boards	B	Yes	Yes	
Microchip PIC ICD Program Interface Board	411-016	Supplementals	B	Yes	No	

* Processor must support TTL CAN – not all Processors contain necessary registers

**Not compatible with single sized mini-stack but compatible with 2U processor boards