e-peas semiconductors

	ENERGY HARVESTER INPUTS			SOURCE REGULATION MODE		SPECIAL PURPOSE INPUTS		STORAGE ELEMENT PROTECTIONS			LOAD SUPPLY		ADVANCED FEATURES			PACKAGING	
	Harvester Type	Harvester Inputs	Source Voltage Range	Open-voltage Ratio	Constant Voltage	Primary Battery Input	5 V Charger Input	Storage Voltage Range	Custom Mode	Temp. Protection	Converter Type	Load Voltage Range	I²C Interface	Average Power Monitoring	Shipping Mode	Type / Body Size	
AEM10941	☼	Single	50mV to 4.50V					0V to 4.50V	External resistors		2 LDOs	1.2V - 4.1V				QFN 28 5x5mm	
AEM10330	☼	Single	100mV to 4.50V					0V to 4.65V	External resistors		1 Buck/ Boost	1.2V - 3.3V				QFN 40 5x5mm	
AEM10920	☼	Single	120mV to 4.35V					2.50V to 4.35V	External resistors		1 Buck	2.2V - 2.8V				QFN 24 4x4mm	
AEM10300	☼	Single	100mV to 4.50V					0V to 4.65V	External resistors							QFN 28 4x4mm	
AEM10900 AEM10901	☼	Single	120mV to 2.73V					2.50V to 4.80V	I²C							QFN 28 4x4mm	WLCSP16 2x2mm AEM10900 only
AEM00920	☼ ⎍	Single	250mV to 3.20V					2.50V to 4.35V	External resistors		1 Buck	2.2V - 2.8V				QFN 24 4x4mm	
AEM00940 AEM00941	☼ ⎍	Single	50mV to 4.50V					0V to 4.50V	External resistors		2 LDOs	1.2V - 4.1V				QFN 28 5x5mm	QFN 28 4x4mm
AEM00330	☼ ⎍	Single	140mV to 4.50V					0V to 4.65V	External resistors		1 Buck/ Boost	1.2V - 3.3V				QFN 40 5x5mm	
AEM00300	☼ ⎍	Single	140mV to 4.50V					0V to 4.65V	External resistors							QFN 28 4x4mm	
AEM00900 AEM00901	☼ ⎍	Single	120mV to 2.73V					2.50V to 4.80V	I²C							QFN 28 4x4mm	
AEM30940	((•)) ≈	Single	50mV to 4.50V					0V to 4.50V	External resistors		2 LDOs	1.2V - 4.1V				QFN 28 5x5mm	
AEM30330	((•)) ≈	Single	100mV to 4.50V					0V to 4.65V	External resistors		1 Buck/ Boost	1.2V - 3.3V				QFN 40 5x5mm	
AEM30300	((•)) ≈	Single	100mV to 4.50V					0V to 4.65V	External resistors							QFN 28 4x4mm	
AEM20941	≋	Single	80mV to 3.50V					0V to 4.50V			2 LDOs	1.2V - 3.3V				QFN 28 4x4mm	
AEM13920	All	Dual	120mV to 4.59V					2.40V to 4.59V	I²C		1 Buck	0.6V - 2.5V				QFN 40 5x5mm	
AEM13921	All	Dual	120mV to 4.59V					2.40V to 4.59V	I²C		1 Buck	0.6V - 3.3V				QFN 40 5x5mm	
AEM15820	All	Single	300mV to 4.34V					2.40V to 4.59V	I²C		1 Buck	0.6V - 3.3V				QFN 40 5x5mm	
AEM11900	☼ ⎍	Single	120mV to 4.13V					2.40V to 4.59V	External resistors							QFN 24 4x4mm	
AEM11921	All	Single	400mV to 2.24V					1.80V to 4.60V	I²C		1 Buck	2.2V - 3.3V				QFN 20 3x3mm	
AEM11920	All	Single	400mV to 2.24V					1.80V to 4.60V	I²C		1 Buck	2.2V - 3.3V				QFN 20 3x3mm	
SPM10140								1.50V to 4.60V	I²C		1 Buck	2.2V - 3.3V				QFN 20 3x3mm	

☼ Indoor / Outdoor PV Cell ⎍ Pulse Generator ((•)) RF Antenna ≈ Vibration Transducer ≋ Thermo Electric Generator