

The data pointed to from the job list is what is fed into the module and processed according to the peripheral's operation. The entries of the job list comprises pointers to the individual arrays, as well as their sizes. Job entries with length greater than one are processed in little endian order.

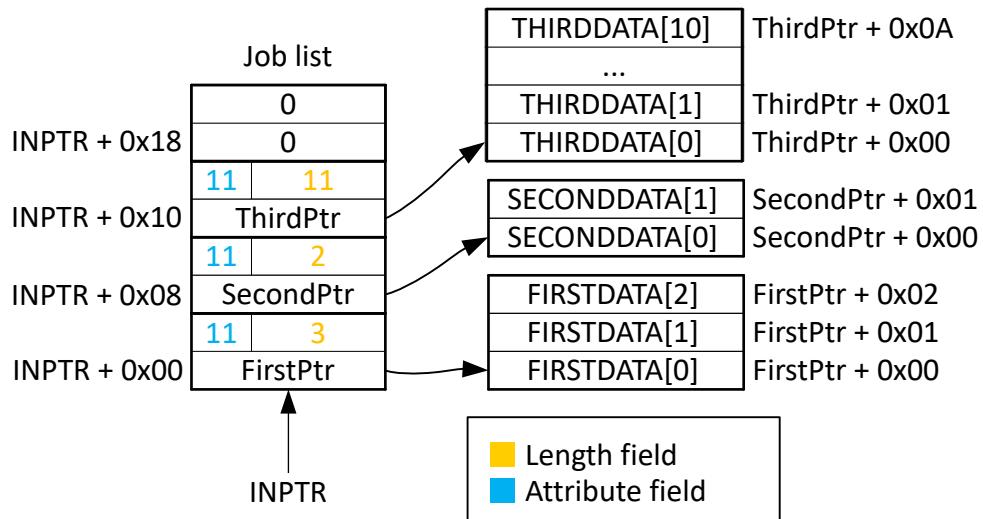


Figure 59: EasyDMA Scatter-Gather job list example

8.6.3 Registers

Instances

Instance	Domain	Base address	TrustZone			Split access	Description
			Map	Att	DMA		
							AES ECB mode encryption 00
ECB00 : S	GLOBAL	0x50047000	US	S	SA	No	When configuring this peripheral's DMA security using SPU configuration (DMASEC field of SPU->PERIPH[apb_slave_index]), use apb_slave_index 6 (same as AAR00 and CCM00)
ECB00 : NS							

Configuration

Instance	Domain	Configuration
ECB00 : S	GLOBAL	
ECB00 : NS		

Register overview

Register	Offset	TZ	Description
TASKS_START	0x000		Start ECB block encrypt
TASKS_STOP	0x004		Abort a possible executing ECB operation
SUBSCRIBE_START	0x080		Subscribe configuration for task START
SUBSCRIBE_STOP	0x084		Subscribe configuration for task STOP
EVENTS_END	0x100		ECB block encrypt complete
EVENTS_ERROR	0x104		ECB block encrypt aborted because of a STOP task or due to an error
PUBLISH_END	0x180		Publish configuration for event END