Command Name	HEX	ASCII	
FW Version	OA 56 OD	<lf>V<cr></cr></lf>	
Reader ID	OA 53 OD	<lf>S<cr></cr></lf>	
Query EPC	OA 51 OD	<lf>Q<cr></cr></lf>	
Multi EPC	OA 55 OD	<lf>U<cr></cr></lf>	
Read Power	OA 4E 30 2C 30 30 0D	<lf>N0 ,0 0<cr></cr></lf>	
Write Power	OA 4E 31 2C 31 34 OD	<lf>N1 ,1 4<cr></cr></lf>	
Read TID bank	OA 52 32 2C 30 2C 36 0D	<lf>R2 ,0,6<cr></cr></lf>	
address=0 word=6			
Read EPC bank PC word	OA 52 31 2C 31 2C 31 0D	<lf>R1 ,1,1<cr></cr></lf>	
Read EPC bank address=0 word=8	OA 52 31 2C 31 2C 38 0D	<lf>R1 ,0,8<cr></cr></lf>	
Read USER bank	OA 52 33 2C 30 2C 32 30	<lf>R3 ,0,20<cr></cr></lf>	
address=0 word=32	OD	4 F. DO 0.040D	
Read Reserved bank kill	OA 52 30 2C 30 2C 32 0D	<lf>R0 ,0,2<cr></cr></lf>	
and access pwd Write EPC bank PC	OA 57 31 2C 31 2C 31 2C	<lf>W1 ,1,1,3000<cr></cr></lf>	
word	33 30 30 30 0D	<lf>VV1,1,1,3000<cr></cr></lf>	
Write EPC bank	OA 57 31 2C 32 2C 36 2C	<lf>W1 ,2,6,0000111122223333</lf>	
address=2 word=6	30 30 30 30 31 31 31 31	44445555 <cr></cr>	
addic33-2 Word-0	32 32 32 32 33 33 33 33	11113333 (01()	
	34 34 34 34 35 35 35 35		
	OD		
Write USER bank	OA 57 33 2C 30 2C 31 2C	<lf>W3 ,0,1,0000<cr></cr></lf>	
address=0 word=1	30 30 30 30 0D		
Write USER bank	OA 57 33 2C 30 2C 38 2C	<lf>W3 ,0,8,0000111122223333</lf>	
address=0 word=8	30 30 30 30 31 31 31 31		
	32 32 32 32 33 33 33 33		
	34 34 34 34 35 35 35 35		
	36 36 36 36 37 37 37 37 0D		
Write Reserved bank kill	OA 57 30 2C 30 2C 32 2C	<lf>W0 ,0,2,01020304<cr></cr></lf>	
TTILO I LOSOI VOU DUIN KIII	30 31 30 32 30 33 30 34	121 110 ,0,2,0 1020004 1010	
	OD		
Write access pwd	OA 57 30 2C 32 2C 32 2C	<lf>W0 ,2,2,12345678<cr></cr></lf>	
<b></b>	31 32 33 34 35 36 37 38		
	OD		
Write Reserved bank kill	OA 57 30 2C 30 2C 34 2C	<lf>W0 ,0,4,01020304A1A2A3A</lf>	
and access pwd	30 31 30 32 30 33 30 34	4 <cr></cr>	
·	41 31 41 32 41 33 41 34		
	OD		
Access password	OA 50 41 31 41 32 41 33	<lf>P A1A2A3A4<cr></cr></lf>	

	41 34 OD	
Kill	0A 4B 30 31 30 32 30 33	<lf>K01020304 ,0<cr></cr></lf>
	30 34 2C 30 0D	
Lock mask=020	OA 4C 30 32 30 2C 30 32	<lf>L020,020<cr></cr></lf>
action020(EPC write	30 OD	
lock)		
Lock mask=020	0A 4C 30 32 30 2C 30 30	<lf>L020,000<cr></cr></lf>
action000(EPC write	30 OD	
unlock)		
US mode 902-928	OA 4E 35 2C 30 31 OD	<lf>N5,01<cr></cr></lf>
TW mode 922-928	OA 4E 35 2C 30 32 OD	<lf>N5,02<cr></cr></lf>
CN1 mode 920-925	OA 4E 35 2C 30 33 OD	<lf>N5,03<cr></cr></lf>
CN2 mode 840-845	OA 4E 35 2C 30 34 OD	<lf>N5,04<cr></cr></lf>
CE mode 865-868	OA 4E 35 2C 30 35 OD	<lf>N5,05<cr></cr></lf>
JP mode 916-921	OA 4E 35 2C 30 36 OD	<lf>N5,06<cr></cr></lf>
KR mode 917-921	OA 4E 35 2C 30 37 0D	<lf>N5,07<cr></cr></lf>
VIN mode 918-923	OA 4E 35 2C 30 38 0D	<lf>N5,08<cr></cr></lf>
EU2 mode 916-920	OA 4E 35 2C 30 39 0D	<lf>N5,09<cr></cr></lf>
IN mode 865-867	OA 4E 35 2C 30 41 0D	<lf>N5,0A<cr></cr></lf>
	•	

## Impinj 、Alien 芯片存储区划分

Model	User Memory	EPC Memory	Serialized TID	True3D™ Technology	QT™ Technology
Monza 3	0	96	0	×	×
Monza 4D	32	128	48	√	×
Monza 4E	128	496	48	√ <u> </u>	×
Monza 4U	512	128	48	√	×
Monza 4QT	512	128	48	√	~
Monza 5	0	128	48	×	×
НЗ	512	96	64	×	×
H4	128	128	64	×	×

## Alien H3 Tag IC

Bank	Address	Description	Memory	Bits	
User	00h – 1FFh	User	NVM	512	
TID	70h – BFh	Device Configuration	<b>ROM-NVM</b>	80	
	60h – 6Fh	Mask Unique Identifier	ROM	16	
	20h – 5Fh	Unique Tag ID Unalterable	NVM	64	
	00h – 1Fh	TID EPC/TMD/TMDID/TMN	ROM	32	
EPC	20h – 7Fh	EPC#	NVM	96	
	10h – 1Fh	EPC-PC	NVM	16	
	00h – 0Fh	EPC-CRC	RAM	16	
Reserved	20h – 3Fh	RES-Access Pwd, EPC optional	NVM	32	
	00h – 1Fh	RES-Kill Pwd	NVM	32	