









	EEL4744		7		0	Addr.
EEL 4744C: µP Apps		R0		0x00		
		R1			0x01	
				R2		0x02
<b>XNIEGA CPU</b>			R13			0x0D
General Purpose			R14			0x0E
Ocherar i urpose			R15			0x0F
Working Register			R16			0x10
~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			R17			0x11
Summary						
X-regist		ster Low Byte	R26		0x1A	
X-regist		ter High Byte R27		0x1B		
See doc8331 Y-regis			ter Low Byte R28			0x1C
	Fig 3-4	Y-regis	ter High Byte	R29		0x1D
Z-re			ster Low Byte	R30		0x1E
University of Florida, EEL 4744 – File 03 © Dr. Eric M. Schwartz		Z-regis	ter High Byte	R31		0x1F

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		EEL4744 XN		G	AX, Y, Z				
EEL 4744C:	μP Apps	Apps Registers				See doc8331 Fig 3-5			
<ul> <li>The X, Y, and Z registers can form 16-bit address pointers for addressing of the Data Memory</li> <li>The Z-register can also be used as an address pointer to read/write to the Flash Program Memory, Fuses, Signature Rows, and Lock Bits</li> </ul>									
	7	R27	0	7	R26	0			
ļ	45	ХН		7	XL				
	15		8	1		U			
	7	R29	0	7	R28	0			
		YH			YL				
	15		8	7		0			
	7	R31	0	7	R30	0			
		ZH			ZL				
	15		8	7		0			
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