Dullas, Toxas USA O Sontholen, Germany Dungdore, Impilore, Impilor	Shanghai, China Bianghai, Chin
ATC 2008 MSP430 Advanced Technical Conference	
MSP430-based E-metering and AMR solution Kripasagar Venkat	ns
5/22/2008	1











































USART	USCI	USI
UART: - Only one modulator	UART: - Two modulators support n/16	
- n/a - n/a - n/a	<ul> <li>Auto baud rate detection</li> <li>IrDA encoder &amp; decoder</li> <li>Simultaneous USCI_A and USCI_B (2 channels)</li> </ul>	
SPI: - Only one SPI available - Master and Slave Modes - 3 and 4 Wire Modes	SPI: - Two SPI (one on each USCI_A and USCI_B) - Master and Slave Modes - 3 and 4 Wire Modes	SPI: - Only one SPI available - Master and Slave Modes
I2C: (n/a for FE42xx) • Master and Slave Modes • up to 400kbps	I2C: - Simplified interrupt usage - Master and Slave Modes - up to 400kbps	I2C: - SW state machine needed - Master and Slave Modes



































































