















 Central Arbiter Operation / Advantages Employs a two-stage arbiter Request Bus Arbiter: Round robin priority Second stage: Choose next owner of A/D bus based on request priority / target transaction resource availability Both arbiters are pipelined, selecting a new owner every cycle 						
 The Central Arbiter is for efficient scheduling of main bus usage Main bus is never granted unless the target can accept the transaction, therefore no "not acknowledges" and no "retries" The Central Arbiter guarantees fair access to high-contention targets 						
						_
	port	port	port	port	port	
	Request Bus Arbiter Arbiter					
	Core Bus (128-bits)					
	port	port	port	port		Map
	GDI Interface	GDI Interface	G D I Interface	G D I Interface		
9 August 2004 Hot Chips 16						













