

TMS320C6000 Family Comparison (does not include all devices)

	6414 6415 6416	6203	6202b	6202	6201b
max announced clock rate	600 MHz	300 MHz	250 MHz	250 MHz	200 MHz
typical power dissipation	TBD	1.5W	1.4W	2.3W	1.7W
pin-compatible with 6202	no	yes	yes	yes	no
available	samples June 2001	production now	unknown	production now	production now
on-chip program RAM	n/a	3 Mbit	2 Mbit	2 Mbit	.5 Mbit
on-chip data RAM	n/a	4 Mbit	1 Mbit	1 Mbit	.5 Mbit
L2 cache/direct-map RAM	8 Mbit				
L1 program cache	128 kbit				
L1 data cache	128 kbit				
external memory interface	(1) 64-bit + (1) 16-bit	(1) 32-bit	(1) 32-bit	(1) 32-bit	(1) 32-bit
expansion bus (XB)	no	32-bit	32-bit	32-bit	no
asynchronous host port	16/32-bit	XB option	XB option	XB option	16-bit
DMA channels (excluding aux)	64	4	4	4	4
enhanced throughput DMA	n/a	yes	yes	no	no