

TMS320C1X

Texas Instruments - Texas Instruments TMS320

TMS320C14 DIGITAL SIGNAL PROCESSORS									
TMS320C14D DIGITAL SIGNAL PROCESSORS WITH INTEGRATED MEMORY, I/O, CLOCK, FREQUENCY, and PACKAGE TYPES. For specific availability, contact the Texas Instruments Sales Office.									
TMS320C14 Device Overview									
DEVICE	NAME	ROM	RAM	EPROM	FLASH	SIMM	SRAM	DSP	PCI/PCI-X
TMS320C14D-1	144	1	94	—	44	—	200	40	—
TMS320C14D-2	144	1	94	—	44	—	216	40	—
TMS320C14D-3	144	1	94	—	44	—	232	40	—
TMS320C14D-4	144	1	94	—	44	—	248	40	—
TMS320C14D-5	144	1	94	—	44	—	264	40	—
TMS320C14D-6	144	1	94	—	44	—	280	40	—
TMS320C14D-7	144	1	94	—	44	—	296	40	—
TMS320C14D-8	144	1	94	—	44	—	312	40	—
TMS320C14D-9	144	1	94	—	44	—	328	40	—
TMS320C14D-10	144	1	94	—	44	—	344	40	—
TMS320C14D-11	144	1	94	—	44	—	360	40	—
TMS320C14D-12	144	1	94	—	44	—	376	40	—
TMS320C14D-13	144	1	94	—	44	—	392	40	—
TMS320C14D-14	144	1	94	—	44	—	408	40	—
TMS320C14D-15	144	1	94	—	44	—	424	40	—
TMS320C14D-16	144	1	94	—	44	—	440	40	—
TMS320C14D-17	144	1	94	—	44	—	456	40	—
TMS320C14D-18	144	1	94	—	44	—	472	40	—
TMS320C14D-19	144	1	94	—	44	—	488	40	—
TMS320C14D-20	144	1	94	—	44	—	504	40	—
TMS320C14D-21	144	1	94	—	44	—	520	40	—
TMS320C14D-22	144	1	94	—	44	—	536	40	—
TMS320C14D-23	144	1	94	—	44	—	552	40	—
TMS320C14D-24	144	1	94	—	44	—	568	40	—
TMS320C14D-25	144	1	94	—	44	—	584	40	—
TMS320C14D-26	144	1	94	—	44	—	600	40	—
TMS320C14D-27	144	1	94	—	44	—	616	40	—
TMS320C14D-28	144	1	94	—	44	—	632	40	—
TMS320C14D-29	144	1	94	—	44	—	648	40	—
TMS320C14D-30	144	1	94	—	44	—	664	40	—
TMS320C14D-31	144	1	94	—	44	—	680	40	—
TMS320C14D-32	144	1	94	—	44	—	696	40	—
TMS320C14D-33	144	1	94	—	44	—	712	40	—
TMS320C14D-34	144	1	94	—	44	—	728	40	—
TMS320C14D-35	144	1	94	—	44	—	744	40	—
TMS320C14D-36	144	1	94	—	44	—	760	40	—
TMS320C14D-37	144	1	94	—	44	—	776	40	—
TMS320C14D-38	144	1	94	—	44	—	792	40	—
TMS320C14D-39	144	1	94	—	44	—	808	40	—
TMS320C14D-40	144	1	94	—	44	—	824	40	—
TMS320C14D-41	144	1	94	—	44	—	840	40	—
TMS320C14D-42	144	1	94	—	44	—	856	40	—
TMS320C14D-43	144	1	94	—	44	—	872	40	—
TMS320C14D-44	144	1	94	—	44	—	888	40	—
TMS320C14D-45	144	1	94	—	44	—	904	40	—
TMS320C14D-46	144	1	94	—	44	—	920	40	—
TMS320C14D-47	144	1	94	—	44	—	936	40	—
TMS320C14D-48	144	1	94	—	44	—	952	40	—
TMS320C14D-49	144	1	94	—	44	—	968	40	—
TMS320C14D-50	144	1	94	—	44	—	984	40	—
TMS320C14D-51	144	1	94	—	44	—	1000	40	—
TMS320C14D-52	144	1	94	—	44	—	1016	40	—
TMS320C14D-53	144	1	94	—	44	—	1032	40	—
TMS320C14D-54	144	1	94	—	44	—	1048	40	—
TMS320C14D-55	144	1	94	—	44	—	1064	40	—
TMS320C14D-56	144	1	94	—	44	—	1080	40	—
TMS320C14D-57	144	1	94	—	44	—	1096	40	—
TMS320C14D-58	144	1	94	—	44	—	1112	40	—
TMS320C14D-59	144	1	94	—	44	—	1128	40	—
TMS320C14D-60	144	1	94	—	44	—	1144	40	—
TMS320C14D-61	144	1	94	—	44	—	1160	40	—
TMS320C14D-62	144	1	94	—	44	—	1176	40	—
TMS320C14D-63	144	1	94	—	44	—	1192	40	—
TMS320C14D-64	144	1	94	—	44	—	1208	40	—
TMS320C14D-65	144	1	94	—	44	—	1224	40	—
TMS320C14D-66	144	1	94	—	44	—	1240	40	—
TMS320C14D-67	144	1	94	—	44	—	1256	40	—
TMS320C14D-68	144	1	94	—	44	—	1272	40	—
TMS320C14D-69	144	1	94	—	44	—	1288	40	—
TMS320C14D-70	144	1	94	—	44	—	1304	40	—
TMS320C14D-71	144	1	94	—	44	—	1320	40	—
TMS320C14D-72	144	1	94	—	44	—	1336	40	—
TMS320C14D-73	144	1	94	—	44	—	1352	40	—
TMS320C14D-74	144	1	94	—	44	—	1368	40	—
TMS320C14D-75	144	1	94	—	44	—	1384	40	—
TMS320C14D-76	144	1	94	—	44	—	1400	40	—
TMS320C14D-77	144	1	94	—	44	—	1416	40	—
TMS320C14D-78	144	1	94	—	44	—	1432	40	—
TMS320C14D-79	144	1	94	—	44	—	1448	40	—
TMS320C14D-80	144	1	94	—	44	—	1464	40	—
TMS320C14D-81	144	1	94	—	44	—	1480	40	—
TMS320C14D-82	144	1	94	—	44	—	1496	40	—
TMS320C14D-83	144	1	94	—	44	—	1512	40	—
TMS320C14D-84	144	1	94	—	44	—	1528	40	—
TMS320C14D-85	144	1	94	—	44	—	1544	40	—
TMS320C14D-86	144	1	94	—	44	—	1560	40	—
TMS320C14D-87	144	1	94	—	44	—	1576	40	—
TMS320C14D-88	144	1	94	—	44	—	1592	40	—
TMS320C14D-89	144	1	94	—	44	—	1608	40	—
TMS320C14D-90	144	1	94	—	44	—	1624	40	—
TMS320C14D-91	144	1	94	—	44	—	1640	40	—
TMS320C14D-92	144	1	94	—	44	—	1656	40	—
TMS320C14D-93	144	1	94	—	44	—	1672	40	—
TMS320C14D-94	144	1	94	—	44	—	1688	40	—
TMS320C14D-95	144	1	94	—	44	—	1704	40	—
TMS320C14D-96	144	1	94	—	44	—	1720	40	—
TMS320C14D-97	144	1	94	—	44	—	1736	40	—
TMS320C14D-98	144	1	94	—	44	—	1752	40	—
TMS320C14D-99	144	1	94	—	44	—	1768	40	—
TMS320C14D-100	144	1	94	—	44	—	1784	40	—
TMS320C14D-101	144	1	94	—	44	—	1800	40	—
TMS320C14D-102	144	1	94	—	44	—	1816	40	—
TMS320C14D-103	144	1	94	—	44	—	1832	40	—
TMS320C14D-104	144	1	94	—	44	—	1848	40	—
TMS320C14D-105	144	1	94	—	44	—	1864	40	—
TMS320C14D-106	144	1	94	—	44	—	1880	40	—
TMS320C14D-107	144	1	94	—	44	—	1896	40	—
TMS320C14D-108	144	1	94	—	44	—	1912	40	—
TMS320C14D-109	144	1	94	—	44	—	1928	40	—
TMS320C14D-110	144	1	94	—	44	—	1944	40	—
TMS320C14D-111	144	1	94	—	44	—	1960	40	—
TMS320C14D-112	144	1	94	—	44	—	1976	40	—
TMS320C14D-113	144	1	94	—	44	—	1992	40	—
TMS320C14D-114	144	1	94	—	44	—	2008	40	—
TMS320C14D-115	144	1	94	—	44	—	2024	40	—
TMS320C14D-116	144	1	94	—	44	—	2040	40	—
TMS320C14D-117	144	1	94	—	44	—	2056	40	—
TMS320C14D-118	144	1	94	—	44	—	2072	40	—
TMS320C14D-119	144	1	94	—	44	—	2088	40	—
TMS320C14D-120	144	1	94	—	44	—	2104	40	—
TMS320C14D-121	144	1	94	—	44	—	2120	40	—
TMS320C14D-122	144	1	94	—	44	—	2136	40	—
TMS320C14D-123	144	1	94	—	44	—	2152	40	—
TMS320C14D-124	144	1	94	—	44	—	2168	40	—
TMS320C14D-125	144	1	94	—	44	—	2184	40	—
TMS320C14D-126	144	1	94	—	44	—	2200	40	—
TMS320C14D-127	144	1	94	—	44	—	2216	40	—
TMS320C14D-128	144	1	94	—	44	—	2232	40	—
TMS320C14D-129	144	1	94	—	44	—	2248	40	—
TMS320C14D-130	144	1	94	—	44	—	2264	40	—
TMS320C14D-131	144	1	94	—	44	—	2280	40	—
TMS320C14D-132	144	1	94	—	44	—	2296	40	—
TMS320C14D-133	144	1	94	—	44	—	2312	40	—
TMS320C14D-134	144	1	94	—	44	—	2328	40	—
TMS320C14D-135	144	1	94	—	44	—	2344	40	—
TMS320C14D-136	144	1	94	—	44	—	2360	40	—
TMS320C14D-137	144	1	94	—	44	—	2376	40	—
TMS320C14D-138	144	1	94	—	44	—	2392	40	—
TMS320C14D-139	144	1	94	—	44	—	2408	40	—
TMS320C14D-140	144	1	94	—	44	—	2424	40	—
TMS320C14D-141	144	1	94	—	44	—	2440	40	—
TMS320C14D-142	144	1	94	—	44	—	2456	40	

Description

-TMS320C1X

Social history in perspective

Digital signal processing products TMS320C1X

Notes: SPRU013C.

This edition was published in 1991.



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5 Assembler Directives

In this case, each member must have a unique name. With this directive, you can define up to 32 local macro substitution symbols including parameters per macro.

TMS320C1X datasheet

The types created are analogous to the struct and union types of the C language. The value is stored in the substitution symbol table.

5 Assembler Directives

The expanded line appears below the actual source line. It cannot be used when defining a nested union.

Source code to an IDA processor module: TMS320C10/TMS320C1X

These C1x devices utilize a modified Harvard architecture to optimize speed and flexibility, implementing functions in hardware that other processors implement through microcode or software. The optional count operand, if used, must be a well-defined integer expression.

5 Assembler Directives

It can be used in macro definitions to suppress the listing of the macro expansion. TMS320C2000 COFF Assembler Version x.

5 Assembler Directives

Local labels are temporary labels that can be used as operands for jump instructions. This example shows how the

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