

Display Drivers and Interface ICs

Type	Features and Comments	# Of Characters Or Digits						Display Type					Font		Interface						
		# of 7-Segment Digits	# of Decimal Points or Annunciators	# of Alphanumeric 14 Segments + D.P.	# of Alphanumeric 16 Segments + D.P.	# of Alphanumeric 18 Segments	# of Dot Matrix	LED, Common Anode Non-MUX	LED, Common Cathode MUX	LED, Common Anode MUX	LCD, Direct Drive	LCD, # of Ways MUX'D	Vacuum Fluorescent	Hexadecimal (0-9, A-F)	Code B (0-9, H, E, L, P, -, and Blank)	ASCII	MUX BCD (BCD + Digit Select Strobes)	Random Access (Data + Address + WR)	Bit Parallel, Digit Serial	Bit Serial	Cycle Time (ns)
ICM7211	Drives conventional LCD displays. Includes RC oscillator, divider chain, latches, interface and LCD drivers.	4									•			•			•				1000
ICM7211A		4									•			•			•				1000
ICM7211M		4									•			•				•			200
ICM7211AM		4									•			•				•			200
ICM7212	Drives common anode LED displays. 28 current controlled outputs. Includes latches, interface and brightness control.	4						•						•			•				1000
ICM7212A		4						•						•			•				1000
ICM7212M		4						•						•				•			200
ICM7212AM		4						•						•				•			200
ICM7218A	3 decode formats drives up to 64 independent LED's. Includes 8 x 8 memory, multiplexed LED drivers, decoders, interface and control. applications include bar graphs.	8	8						•					•	•				•		550
ICM7218B		8	8						•					•	•			•			550
ICM7218C		8	8							•				•	•				•		500
ICM7218D		8	8						•					•	•			•			500
ICM7218E		8	8							•				•	•			•			500
ICM7228A		8	8							•				•	•				•		550
ICM7228B		8	8						•					•	•			•			550
ICM7228C		8	8							•				•	•				•		500
ICM7228D		8	8						•					•	•			•			500
ICM7231A	8 digits, 16 annunciators on COM, hexadecimal	8	16								3			•				•			500
ICM7231B	8 digits, 16 annunciators on COM 3, code B	8	16								3			•				•			500
ICM7231C	8 digits, 16 annunciators on COM 1 + 3, code B	8	16								3			•				•			500
ICM7232A	10 digits, 20 annunciators on COM 3, hexadecimal	10	20								3			•					•		350
ICM7232B	10 digits, 20 annunciators on COM 3, code B	10	20								3			•					•		350
ICM7232C	10 digits, 20 annunciators on COM 1 + 3, code B	10	20								3			•					•		350
ICM7233A	4 alphanumeric characters.				4						3				•			•			500
ICM7233B	4 alphanumeric characters. Full-width numbers				4						3				•			•			500
ICM7243A	8 alphanumeric characters + decimal pt. can be daisy chained or cascaded.			8				•							•			•	•		250
ICM7243B			8					•							•			•	•		250

* See interpretation guide and packaging section