

ELECTRONIC ASSEMBLY Modules and Accessories

ELECTRONIC ASSEMBLY

Displays

Electronic Assembly

RoHS Compliant This product is RoHS compliant.



DOG M MODULES

- Runs on 3.3V systems without auxiliary power
- Also used on traditional 5V systems (character type only)
- 4-bit, 8-bit and SPI interface (4-wire)
- Ultra-flat at 2.0 mm without backlight or 5.8 mm including LED backlight
- Typical power consumption of only 250µA in full operation
- Easy installation by simply soldering into the board
- Graphic: SPI interface only
- Graphic: 150uA (DOGM132-5) 250uA (DOGM128-6)

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Electronic Assembly Part No.	Fig.	Module Size (mm)	Display Format	Display Type	Contrast	Operating Temp. Range	Display Mode	Price Each					
									1	10	50	100		
Character														
790-EADOGM081BA	EA DOGM081B-A	A	55 x 31	1 x 8	STN (-)	Blue	-20 to +70°C	Transmissive	10.53	9.36	8.19	7.49		
790-EADOGM081EA	EA DOGM081E-A	A	55 x 31	1 x 8	STN (+)	Yellow/Green	-20 to +70°C	Transmissive	10.53	9.36	8.19	7.49		
790-EADOGM081LA	EA DOGM081L-A	A	55 x 31	1 x 8	STN (+)	Yellow/Green	-20 to +70°C	Reflective	10.53	9.36	8.19	7.49		
790-EADOGM081SA	EA DOGM081S-A	A	55 x 31	1 x 8	FSTN (-)	Black	-20 to +70°C	Transmissive	10.53	9.36	8.19	7.49		
790-EADOGM081WA	EA DOGM081W-A	A	55 x 31	1 x 8	FSTN (+)	White	-20 to +70°C	Transmissive	10.53	9.36	8.19	7.49		
790-EADOGM162BA	EA DOGM162B-A	A	55 x 31	2 x 16	STN (-)	Blue	-20 to +70°C	Transmissive	11.41	10.14	8.87	8.11		
790-EADOGM162EA	EA DOGM162E-A	A	55 x 31	2 x 16	STN (+)	Yellow/Green	-20 to +70°C	Transmissive	11.41	10.14	8.87	8.11		
790-EADOGM162LA	EA DOGM162L-A	A	55 x 31	2 x 16	STN (+)	Yellow/Green	-20 to +70°C	Reflective	11.41	10.14	8.87	8.11		
790-EADOGM162SA	EA DOGM162S-A	A	55 x 31	2 x 16	FSTN (-)	Black	-20 to +70°C	Transmissive	11.41	10.14	8.87	8.11		
790-EADOGM162WA	EA DOGM162W-A	A	55 x 31	2 x 16	FSTN (+)	White	-20 to +70°C	Transmissive	11.41	10.14	8.87	8.11		
790-EADOGM163BA	EA DOGM163B-A	A	55 x 31	3 x 16	STN (-)	Blue	-20 to +70°C	Transmissive	11.93	10.60	9.28	8.48		
790-EADOGM163EA	EA DOGM163E-A	A	55 x 31	3 x 16	STN (+)	Yellow/Green	-20 to +70°C	Transmissive	11.93	10.60	9.28	8.48		
790-EADOGM163LA	EA DOGM163L-A	A	55 x 31	3 x 16	STN (+)	Yellow/Green	-20 to +70°C	Reflective	11.93	10.60	9.28	8.48		
790-EADOGM163SA	EA DOGM163S-A	A	55 x 31	3 x 16	FSTN (-)	Black	-20 to +70°C	Transmissive	11.93	10.60	9.28	8.48		
790-EADOGM163WA	EA DOGM163W-A	A	55 x 31	3 x 16	FSTN (+)	White	-20 to +70°C	Transmissive	11.93	10.60	9.28	8.48		
Graphic														
790-EADOGM132B5	EA DOGM132B-5	A	55 x 31	132 x 32	STN (-)	Blue	-20 to +70°C	Transmissive	12.56	11.16	9.77	8.93		
790-EADOGM132E5	EA DOGM132E-5	A	55 x 31	132 x 32	STN (+)	Yellow/Green	-20 to +70°C	Transmissive	12.56	11.16	9.77	8.93		
790-EADOGM132L5	EA DOGM132L-5	A	55 x 31	132 x 32	STN (+)	Yellow/Green	-20 to +70°C	Reflective	12.56	11.16	9.77	8.93		
790-EADOGM132S5	EA DOGM132S-5	A	55 x 31	132 x 32	FSTN (-)	Black	-20 to +70°C	Transmissive	12.56	11.16	9.77	8.93		
790-EADOGM132W5	EA DOGM132W-5	A	55 x 31	132 x 32	FSTN (+)	White	-20 to +70°C	Transmissive	12.56	11.16	9.77	8.93		
790-EADOGM128B6	EA DOGM128B-6	B	55 x 46	128 X 64	STN (-)	Blue	-20 to +70°C	Transmissive	18.00	16.00	14.00	12.80		
790-EADOGM128E6	EA DOGM128E-6	B	55 x 46	128 X 64	STN (+)	Yellow/Green	-20 to +70°C	Transmissive	18.00	16.00	14.00	12.80		
790-EADOGM128L6	EA DOGM128L-6	B	55 x 46	128 X 64	STN (+)	Yellow/Green	-20 to +70°C	Reflective	18.00	16.00	14.00	12.80		
790-EADOGM128S6	EA DOGM128S-6	B	55 x 46	128 X 64	FSTN (-)	Black	-20 to +70°C	Transmissive	18.00	16.00	14.00	12.80		
790-EADOGM128W6	EA DOGM128W-6	B	55 x 46	128 X 64	FSTN (+)	White	-20 to +70°C	Transmissive	18.00	16.00	14.00	12.80		

LED BACKLIGHTS FOR DOG M SERIES

For quantities of 500 and up, call for quote.

MOUSER STOCK NO.	Electronic Assembly Part No.	Description	Price Each			
			1	10	50	100
790-EALED55X31A	EA LED55X31-A	55 x 31 Amber	3.81	3.18	2.54	2.22
790-EALED55X31B	EA LED55X31-B	55 x 31 Blue	7.90	7.02	6.14	5.62
790-EALED55X31G	EA LED55X31-G	55 x 31 Yellow/Green	3.81	3.18	2.54	2.22
790-EALED55X31R	EA LED55X31-R	55 x 31 Red	3.81	3.18	2.54	2.22
790-EALED55X31W	EA LED55X31-W	55 x 31 White	9.23	8.20	7.18	6.56
790-EALED55X31RGB	EA LED55X31-RGB	55 x 31 Full Color	20.18	17.94	15.70	14.35
790-EALED55X46A	EA LED55X46-A	55 x 46 Amber	5.55	4.63	3.70	3.24
790-EALED55X46E	EA LED55X46-E	55 x 46 Green	11.86	10.54	9.22	8.43
790-EALED55X46G	EA LED55X46-G	55 x 46 Yellow/Green	5.55	4.63	3.70	3.24
790-EALED55X46R	EA LED55X46-R	55 x 46 Red	5.55	4.63	3.70	3.24
790-EALED55X46B	EA LED55X46-B	55 x 46 Blue	11.86	10.54	9.22	8.43
790-EALED55X46W	EA LED55X46-W	55 x 46 White	13.82	12.28	10.75	9.82
790-EALED55X46RGB	EA LED55X46-RGB	55 x 46 Full Color	31.07	27.62	24.17	22.10

E DIP INTELLIGENT GRAPHIC DISPLAYS

- Power Supply: +5V@Typical 75mA/ 210mA
- Up to 256 macros programmable
- Freely definable keys and switches
- 8 Built in soft fonts
- Up to 256 images storable internally
- Analog Touch Panel: Variable Grid
- Communication via RS-232, SPI and I2C

For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Electronic Assembly Part No.	Fig.	Module Size (mm)	Display Format	Display Type	Contrast	Operating Temp. Range	Display Mode	Price Each					
									1	5	10	50		
4.5" without Touch Panel														
790-EAEDIP240B7LW	EA EDIP240B-7LW	C	113 x 70 x 11	240 x 128	STN (-)	White	-20 to +70°C	Transmissive	178.58	162.35	156.93	144.31		
790-EAEDIP240J7LW	EA EDIP240J-7LW	C	113 x 70 x 11	240 x 128	FSTN (+)	White	-20 to +70°C	Transmissive	193.05	175.50	169.65	156.00		
790-EAEDIP240J7LA	EA EDIP240J-7LA	C	113 x 70 x 11	240 x 128	FSTN (+)	Amber	-20 to +70°C	Transmissive	193.05	175.50	169.65	156.00		
4.5" with Touch Panel														
790-EAEDIP240B7LWTP	EA EDIP240B-7LWTP	C	113 x 70 x 13	240 x 128	STN (-)	White	-20 to +70°C	Transmissive	198.20	180.18	174.17	160.16		
790-EAEDIP240J7LWTP	EA EDIP240J-7LWTP	C	113 x 70 x 13	240 x 128	FSTN (+)	White	-20 to +70°C	Transmissive	212.69	193.35	186.91	171.87		
790-EAEDIP240J7LATP	EA EDIP240J-7LATP	C	113 x 70 x 13	240 x 128	FSTN (+)	Amber	-20 to +70°C	Transmissive	212.69	193.35	186.91	171.87		
5.7" without Touch Panel														
790-EAEDIP320B8LW	EA EDIP320B-8LW	D	138 x 105 x 10	320 x 240	STN (-)	White	-20 to +70°C	Transmissive	226.18	207.21	201.37	194.56		
790-EAEDIP320J8LW	EA EDIP320J-8LW	D	138 x 105 x 10	320 x 240	FSTN (+)	White	-20 to +70°C	Transmissive	233.62	214.02	207.99	200.96		
790-EAEDIP320J8LA	EA EDIP320J-8LA	D	138 x 105 x 10	320 x 240	FSTN (+)	Amber	-20 to +70°C	Transmissive	222.30	203.66	197.92	191.23		
5.7" with Touch Panel														
790-EAEDIP320B8LWTP	EA EDIP320B-8LWTP	D	138 x 105 x 12	320 x 240	STN (-)	White	-20 to +70°C	Transmissive	262.45	240.43	233.66	225.76		
790-EAEDIP320J8LWTP	EA EDIP320J-8LWTP	D	138 x 105 x 12	320 x 240	FSTN (+)	White	-20 to +70°C	Transmissive	269.89	247.25	240.29	232.16		
790-EAEDIP320J8LATP	EA EDIP320J-8LATP	D	138 x 105 x 12	320 x 240	FSTN (+)	Amber	-20 to +70°C	Transmissive	258.57	236.88	230.21	222.43		

E DIP INTELLIGENT TFT DISPLAYS



For quantities of 100 and up, call for quote.

MOUSER STOCK NO.	Electronic Assembly Part No.	Fig.	Module Size (mm)	Display Format	Display Type	Contrast	Operating Temp. Range	Display Mode	Price Each			
									1	5	10	50
790-EDIPTFT43-A	EA EDIPTFT43-A	E	107 x 71 x 11	480 x 272	FSTN (-)	White	-20 to +70°C	Transmissive	245.78	230.00	220.64	199.45
790-EDIPTFT43-ATP	EA EDIPTFT43-ATP	E	107 x 71 x 12	480 x 272	FSTN (-)	White	-20 to +70°C	Transmissive	269.39	245.58	225.00	218.48