

1.5" 8x8 Bi-Color Dot Matrix Display

FEATURES

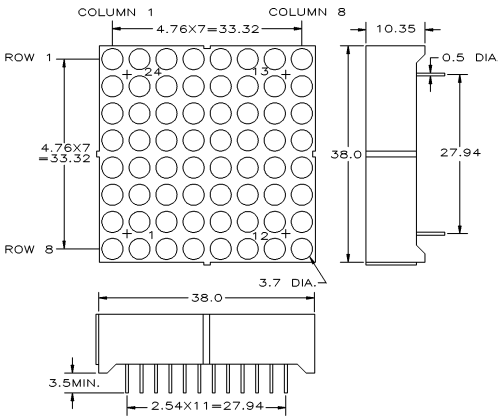
- 1.5" 8x8 dot matrix display
- Grey surface/white epoxy color
- High light output
- Low current requirements
- Excellent character appearance
- Reliable and rugged

OPTO-ELECTRICAL CHARACTERISTICS (Ta = 25°C)

PART NO.	Face/Segment	EMITTED COLOR	PEAK WAVE LENGTH @ 20 mA(nm)	MAXIMUM RATINGS			OPTO-ELECTRICAL CHARACTERISTICS								Pin Out
				IF (mA)	VR (V)	PD (mW)	VF(V)			IR(µA)		IV(mcd)			
							typ.	max.	@mA	max.	@VR	typ. per seg.	@mA		
MTAN6415-CGHR	Grey/White	ORANGE	638	30	5	90	2.1	3.0	20	100	5	10.4	20	1B	
	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	9.0	20	1B	
MTAN6315-AGHR	Grey/White	ORANGE	638	30	5	90	2.1	3.0	20	100	5	10.4	20	1A	
	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	9.0	20	1A	
MTAN6415-CHRG	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	9.0	20	2B	
	Grey/White	ORANGE	638	30	5	90	2.1	3.0	20	100	5	10.4	20	2B	
MTAN6315-AHRG	Grey/White	GREEN	567	30	5	90	2.1	3.0	20	100	5	9.0	20	2A	
	Grey/White	ORANGE	638	30	5	90	2.1	3.0	20	100	5	10.4	20	2A	

Operating Temperature: -25~+85, Storage Temperature: -25~+100.

PACKAGE DIMENSIONS AND PIN FUNCTIONS



PINOUT 1A

CATHODE ROW

- | PIN NO. | FUNCTION |
|---------|-------------------|
| 1. | CATHODE ROW 8 |
| 2. | CATHODE ROW 7 |
| 3. | CATHODE ROW 6 |
| 4. | CATHODE ROW 5 |
| 5. | ANODE CLMN 1 (G) |
| 6. | ANODE CLMN 2 (G) |
| 7. | ANODE CLMN 3 (G) |
| 8. | ANODE CLMN 4 (G) |
| 9. | ANODE CLMN 5 (G) |
| 10. | ANODE CLMN 6 (G) |
| 11. | ANODE CLMN 7 (G) |
| 12. | ANODE CLMN 8 (G) |
| 13. | ANODE CLMN 3 (HR) |
| 14. | ANODE CLMN 7 (HR) |
| 15. | ANODE CLMN 6 (HR) |
| 16. | ANODE CLMN 5 (HR) |
| 17. | ANODE CLMN 4 (HR) |
| 18. | ANODE CLMN 3 (HR) |
| 19. | ANODE CLMN 2 (HR) |
| 20. | ANODE CLMN 1 (HR) |
| 21. | CATHODE ROW 4 |
| 22. | CATHODE ROW 3 |
| 23. | CATHODE ROW 2 |
| 24. | CATHODE ROW 1 |

PINOUT 1B

ANODE ROW

- | PIN NO. | FUNCTION |
|---------|---------------------|
| 1. | ANODE ROW 8 |
| 2. | ANODE ROW 7 |
| 3. | ANODE ROW 6 |
| 4. | ANODE ROW 5 |
| 5. | CATHODE CLMN 1 (G) |
| 6. | CATHODE CLMN 2 (G) |
| 7. | CATHODE CLMN 3 (G) |
| 8. | CATHODE CLMN 4 (G) |
| 9. | CATHODE CLMN 5 (G) |
| 10. | CATHODE CLMN 6 (G) |
| 11. | CATHODE CLMN 7 (G) |
| 12. | CATHODE CLMN 8 (G) |
| 13. | CATHODE CLMN 8 (HR) |
| 14. | CATHODE CLMN 7 (HR) |
| 15. | CATHODE CLMN 6 (HR) |
| 16. | CATHODE CLMN 5 (HR) |
| 17. | CATHODE CLMN 4 (HR) |
| 18. | CATHODE CLMN 3 (HR) |
| 19. | CATHODE CLMN 2 (HR) |
| 20. | CATHODE CLMN 1 (HR) |
| 21. | ANODE ROW 4 |
| 22. | ANODE ROW 3 |
| 23. | ANODE ROW 2 |
| 24. | ANODE ROW 1 |

PINOUT 2A

CATHODE ROW

- | PIN NO. | FUNCTION |
|---------|---------------------|
| 1. | CATHODE ROW 8 |
| 2. | CATHODE ROW 7 |
| 3. | CATHODE ROW 6 |
| 4. | CATHODE ROW 5 |
| 5. | ANODE CLMN 1 (HR) |
| 6. | CATHODE CLMN 2 (HR) |
| 7. | CATHODE CLMN 3 (HR) |
| 8. | ANODE CLMN 4 (HR) |
| 9. | CATHODE CLMN 5 (HR) |
| 10. | ANODE CLMN 6 (HR) |
| 11. | ANODE CLMN 7 (HR) |
| 12. | ANODE CLMN 8 (HR) |
| 13. | CATHODE CLMN 8 (G) |
| 14. | ANODE CLMN 7 (G) |
| 15. | ANODE CLMN 6 (G) |
| 16. | ANODE CLMN 5 (G) |
| 17. | ANODE CLMN 4 (G) |
| 18. | ANODE CLMN 3 (G) |
| 19. | ANODE CLMN 2 (G) |
| 20. | CATHODE CLMN 1 (G) |
| 21. | CATHODE ROW 4 |
| 22. | CATHODE ROW 3 |
| 23. | CATHODE ROW 2 |
| 24. | CATHODE ROW 1 |

PINOUT 2B

ANODE ROW

- | PIN NO. | FUNCTION |
|---------|---------------------|
| 1. | ANODE ROW 8 |
| 2. | ANODE ROW 7 |
| 3. | ANODE ROW 6 |
| 4. | ANODE ROW 5 |
| 5. | CATHODE CLMN 1 (HR) |
| 6. | CATHODE CLMN 2 (HR) |
| 7. | CATHODE CLMN 3 (HR) |
| 8. | CATHODE CLMN 4 (HR) |
| 9. | CATHODE CLMN 5 (HR) |
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| 19. | CATHODE CLMN 2 (G) |
| 20. | CATHODE CLMN 1 (G) |
| 21. | ANODE ROW 4 |
| 22. | ANODE ROW 3 |
| 23. | ANODE ROW 2 |
| 24. | ANODE ROW 1 |

1. ALL DIMENSIONS ARE IN mm, TOLERANCE IS ± 0.25 mm UNLESS OTHERWISE SPECIFIED.
2. THE SLOPE ANGLE OF ANY PIN MAY BE $\pm 5.0^\circ$ MAX.



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