



## Availability Information

This device is in pre-release. Please contact your Local Octavo Systems Representative for information on the devices

| Part Number              | TI AM62 Processor | A53 Cores | A53 Speed (MHZ) | M4F Cores | 3D GPU | PRU SS | DDR4 | Package    | Temp Range    | Notes                                       |
|--------------------------|-------------------|-----------|-----------------|-----------|--------|--------|------|------------|---------------|---------------------------------------------|
| <b>OSD6254-1G-BPM-ES</b> | AM6254            | 4         | 1400            | 1         | X      | X      | 1GB  | 9mm x 14mm | 0° to 85° C   | Engineering Samples - Available Summer 2024 |
| <b>OSD6254-1G-BPM</b>    | AM6254            | 4         | 1400            | 1         | X      | X      | 1GB  | 9mm x 14mm | 0° to 85° C   | Production Devices – End of 2024            |
| <b>OSD6254-1G-IPM</b>    | AM6254            | 4         | 1400            | 1         | X      | X      | 1GB  | 9mm x 14mm | -40° to 85° C | Production Devices – End of 2024            |

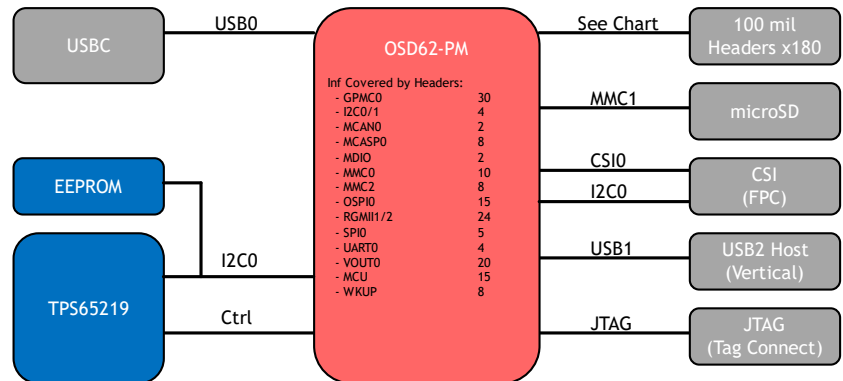
## Development Tools

### OSD62PM-BRK

#### Open-Source Flexible Prototyping Platform

The OSD62PM-BRK is a simplified development platform that gives the designer ultimate flexibility. It provides direct access to over 150 of the I/O on the AM62 device. The completely opensource reference design is an ideal starting point for your next project.

- ▶ Features OSD6254-1G-BPM
- ▶ Key Interfaces:
  - ▷ µSD Card
  - ▷ USB-C
  - ▷ CSI
  - ▷ 180x 100mil Headers
- ▶ Includes TPS65219 Power Management IC (PMIC)
- ▶ Completely Open-Source Design



## Software Support

The OSD62x-PM System-in-Package Devices are compatible with all software and tools for the AM62. Octavo Systems also provides Opensource Linux BSP's and YOCTO packages to help speed the development of your project using the OSD62x-PM.