

| | |
|---|------------|
| 11.17.1 SAADC Electrical Specification. | 912 |
| 11.18 SPIM Electrical specification. | 913 |
| 11.18.1 Timing specifications. | 913 |
| 11.18.2 Timing specifications for GPIO port P0 using Standard drive strength. | 914 |
| 11.18.3 Timing specifications for GPIO port P0 using High drive strength. | 914 |
| 11.18.4 Timing specifications for GPIO port P1 using Standard drive strength. | 915 |
| 11.18.5 Timing specifications for GPIO port P1 using High drive strength. | 915 |
| 11.18.6 Timing specifications for GPIO port P2 using Standard drive strength. | 915 |
| 11.18.7 Timing specifications for GPIO port P2 using High drive strength. | 915 |
| 11.18.8 Timing specifications for GPIO port P2 using Extra high drive strength. | 915 |
| 11.19 SPIS Electrical specification. | 916 |
| 11.19.1 SPIS slave interface electrical specifications. | 916 |
| 11.19.2 Serial Peripheral Interface Slave (SPIS) timing specifications. | 916 |
| 11.19.3 Timing specifications for GPIO port P0 using Standard drive strength. | 917 |
| 11.19.4 Timing specifications for GPIO port P0 using High drive strength. | 918 |
| 11.19.5 Timing specifications for GPIO port P1 using Standard drive strength. | 918 |
| 11.19.6 Timing specifications for GPIO port P1 using High drive strength. | 918 |
| 11.19.7 Timing specifications for GPIO port P2 using Standard drive strength. | 918 |
| 11.19.8 Timing specifications for GPIO port P2 using High drive strength. | 918 |
| 11.19.9 Timing specifications for GPIO port P2 using Extra high drive strength. | 919 |
| 11.20 SWDP Electrical specification. | 919 |
| 11.20.1 SW-DP. | 919 |
| 11.20.2 Trace port. | 919 |
| 11.21 TEMP Electrical specification. | 920 |
| 11.21.1 Temperature Sensor Electrical Specification. | 920 |
| 11.22 TWIM Electrical specification. | 920 |
| 11.22.1 TWIM interface electrical specifications. | 920 |
| 11.22.2 Two Wire Interface Master (TWIM) timing specifications. | 920 |
| 11.23 TWIS Electrical specification. | 921 |
| 11.23.1 TWIS slave timing specifications. | 921 |
| 11.24 UARTE Electrical specification. | 921 |
| 11.24.1 UARTE electrical specification. | 921 |
| 11.25 WDT Electrical specification. | 922 |
| 11.25.1 Watchdog Timer Electrical Specification. | 922 |
| 12 Recommended operating conditions | 923 |
| 12.1 Extended operating temperature. | 923 |
| 12.2 CSP light sensitivity. | 923 |
| 13 Absolute maximum ratings | 924 |
| 14 Ordering information | 926 |
| 14.1 Device marking. | 926 |
| 14.2 Order code. | 926 |
| 14.3 Code ranges and values. | 927 |
| 14.4 Product options. | 928 |
| 14.5 Preprogrammed firmware. | 929 |
| 15 Legal notices | 930 |